



Land Development Services

Technical Bulletin

Subject: Truss Shop Drawing Submission Package for Residential Construction **Date: March 4, 2020** **No.: 20-04**

Summary: This technical bulletin details two significant changes to truss shop drawing submission requirements for residential construction: 1) Submissions for floor and roof trusses must include a truss layout plan when provided by the truss manufacturer; 2) One submission of the truss shop drawings and layout plans will be sufficient for each masterfile plan type regardless of building location.

Effective Date: April 1, 2020

Background: Field staff have reported discrepancies between truss shop drawings and county-approved building plans, which cause construction delays. The frequency of these occurrences has risen with the increased complexity in residential roof construction. Historically, truss shop drawing submissions were reviewed for imposed loading and administrative requirements. Staff reviewed load path during permit application using the framing plan provided in the building plans. Previous to this policy, masterfile plans required truss submission packages for each building location.

Policy: The new LDS policy regarding the truss shop drawing submission and review process is as follows:

- Using the [existing online process](#), shop drawing submissions must now include the truss layout plan if one is provided by the truss manufacturer. The layout plan need not be signed and sealed by the truss designer.
- Typical truss shop drawings and layout plans for masterfiles reflecting all possible options will be accepted and can be used for multiple buildings for the same plan type, thus eliminating a separate submission for each building location.
- Staff will review the truss submission package and compare it with the county-approved plans. Staff will ensure load path is adequate and reflects the load imposed by the trusses on the framing shown in the county-approved building plans. If a truss plan layout is not submitted to the county but is deemed necessary by staff to conduct this review, then one will be requested. If discrepancies are detected during this review, a plan revision may be required prior to truss shop drawing approval.
- The county-approved building plans and truss submission package must be on the jobsite during the corresponding framing inspection for review by the county inspector.

If you have any questions, please contact James Anjam in the Building Division at jamshid.anjam@fairfaxcounty.gov or 703-324-2677, TTY 711.

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