

# Takla Engineering, PLLC

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**Project:** Currin Place Lot 31

**Location:** Lillington, NC

**Company:** ACI Building Services

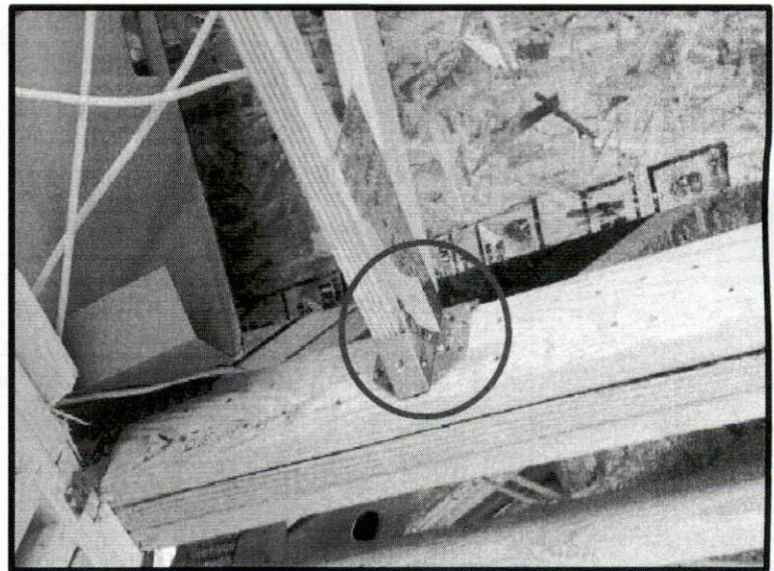
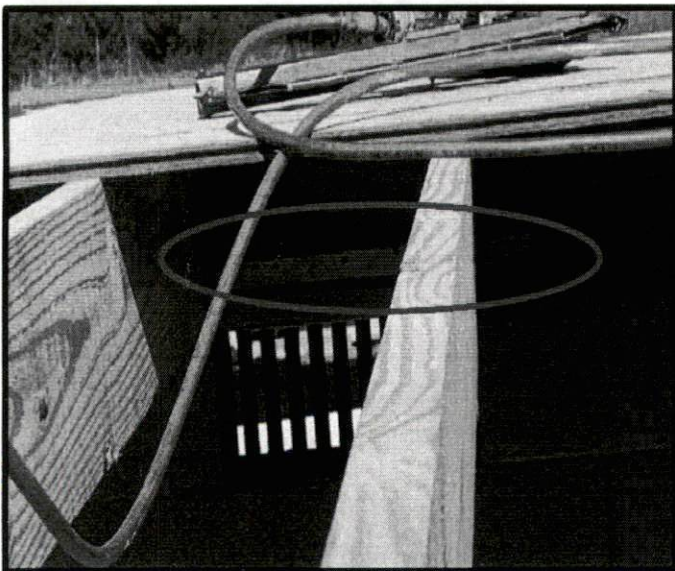
**Care Of:** Terry Cureton

**Subject:** Framing Items



As requested, Takla Engineering prepared this report on June 25th, 2019 to address the following items:

- 1) Where 2x10 floor joists feature exterior bearings over crawlspace vents the following bearing method is acceptable:
  - a) Install 2x2 ledger with no less than (1) 10d nail at 4" on center to band over the crawlspace vent. See picture (left) for a reference example.
  - b) Remove 1.5"x1.5" notch at bottom of floor joist to allow joist to bear on ledger.
  
- 2) Roof truss hangers are acceptable provided 10d (3" long) nails fully populate the hanger; 16d nails are not required to achieve design capacity value of standard joist hangers.



**Limitations of Inspection:** Services provided are in accordance with the standard of practice for structural engineering and within the limits imposed by scope, schedule and budget. The determinations contained in this report are based on conditions observed at the time of the evaluation. No guarantees or warranties, expressed or implied, under this Agreement or otherwise, shall be construed in connection with services provided. Sequencing, shoring, means and methods of construction are considered beyond the scope of this report.