



# SMITH ENGINEERING AND DESIGN, P.A.

November 17, 2025

Mr. Blake Denning  
Denning Contracting Company  
10 J Lee Rd.  
Benson, NC 27504

Re: Antioch Church of Erwin  
494 Antioch Church Rd.  
Dunn, NC 28334

Dear Mr. Denning:

This letter is to address the footing requirements for a HVAC service access platform that was an added field modification from the permitted plans. The approximate 25'-0" x 50'-0" platform is framed with floor trusses at 16" on center and bear on the rear stud wall and stud wall adjacent to the multi-purpose room. The rear wall is supported on the thickened perimeter footing shown on the foundation plans. The opposite load bearing wall requires a new lug footing to be constructed along the front side of the platform. I have observed the proposed footing excavation for the load bearing wall. The footing is a continuous footing 36" wide x 12" thick reinforced with 3 strands of number 4 rebar. The footing is lined with a 6 mil polyethylene vapor barrier. The footing excavation has been satisfactorily completed and is ready to receive concrete. If I may be of further assistance, please feel free to call me.

Respectfully,

Joe T. Smith, Jr, P.E.  
SMITH ENGINEERING AND DESIGN, P.A.  
NC Firm Lic. No: C-2241

