

Donna Johnson

From: Jonah SEDC <Jonah@sedc-inc.com>
Sent: Friday, September 2, 2022 11:17 AM
To: Central Permitting
Cc: Deanna SEDC; Warren Bishop
Subject: Fwd: FW: Foundation Evaluation

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Central Permitting/Brad Sutton,

Please see attached email from our structural engineer regarding the submitted plans for the "Jonah Williams Residence" at 401 D L Phillips Ln Broadway, NC. This email is stating the weight bearing on the footings. I hope this gives the correct insight to have our building plans approved. If you have any further questions or concerns please contact me at this email or at (910) 759-1754.

Thank you,

- Jonah Williams

----- Forwarded message -----

From: <warren@sedc-inc.com>
Date: Fri, Sep 2, 2022 at 10:24
Subject: FW: Foundation Evaluation
To: <deanna@sedc-inc.com>
CC: <jonah@sedc-inc.com>

See if this is what we need or if the inspector needs anything else.

Thanks,

See second page

Warren Bishop

President

SEDC

Southeastern Design & Construction, Inc.

110 Missy Byrd Dr, Hope Mills, NC 28348

910-309-4230 Office

910-366-5861 Cell

Surface Book

From: rpajr@icloud.com <rpajr@icloud.com>

Sent: Friday, September 2, 2022 7:21 AM

To: 'Warren Bishop' <warren@sedc-inc.com>

Subject: RE: Foundation Evaluation

Warren:

Sorry, I've been out of town, just getting back. Based on the +/-8,100 lbs reaction of GDH beam, the 2' wide x 1' deep continuous footing w/ (2) #5's reinforcing should be adequate at the opening, assuming the footing is bearing on soils that have a 2,000 psf soil bearing capacity. Structurally, the bearing footprint for the beam support end bearing point load is approximately 2' (width of the footing) x 3' (length that develops load transfer). Therefore, we should have roughly 12,000 lbs bearing capacity at this location of the footer versus a 8,100 lb point load.

Rob