



**Southeast Foundation Repair  
Shannon Jackson  
709 1/2 Southwest Blvd.  
Clinton, NC 28328  
(910) 299-0198**

August 10th, 2018

**Re: HE18018070008 Lois  
Mevs  
125 Cokesbury Park Lane  
Fuquay Varina, NC 27526  
Letter of Completion**

Dear Sir,

Based on field reports, seven (7) SmartJacks® and thirty two (32) feet of steel support beam(s) were installed at the project site referenced above in general accordance to the project plans.

We have reviewed construction photos, communicated with the production manager, and recorded observations of the work performed.

All SmartJack® locations are acceptable. All SmartJacks and footers met or exceeded the required capacity.

Based on our review, we find that the field installation of the SmartJacks® for the above referenced project are in substantial compliance with the project plans.

This project was designed utilizing the number of foundation repair elements agreed upon in the contract to address the areas of concern identified to the engineer. Underground conditions may vary significantly within even a given site and may change with time. The owner should be alert to possible changes to the condition of the structure and continue to monitor the building's condition following project completion.

Please feel free to contact me if you have further questions.

*Kevin T. Moore*  
Kevin T Moore, PE  
Hayman Engineering  
(417) 831-5550

**Kevin Moore**



Digitally signed by Kevin Moore



# HAYMAN ENGINEERING

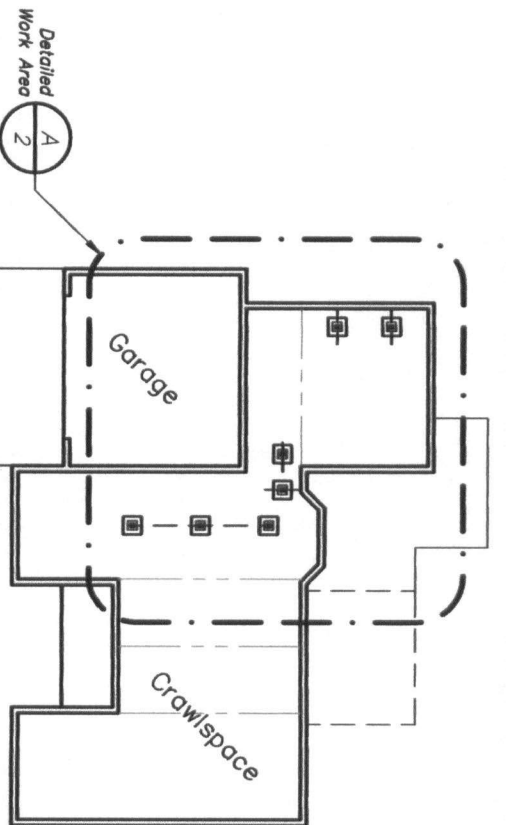
ENGINEERING DONE RIGHT . . . NOW!

### CODE NOTES:

Model Code:  
International Residential Code (2015), R301.2(3)  
Contractor shall meet all local, state, and federal building code requirements.

### GENERAL NOTES

1. This document set contains an engineering design that addresses specific areas of a foundation needing repair. The areas addressed are those of greatest concern to the owner. The scope of work may not address all areas needing attention. Additional work may be added to the contract for construction when deemed appropriate and dependent on the results of initial work. The owner should be alert to possible changes to the condition of the structure and continue to monitor the building's condition.
2. The IRC does not cover the products used in this design. They have been designed in accordance with acceptable engineering practice per R301.1.3. Hayman Engineering warrants that this design is based on sound engineering principles but makes no warranty or guarantee regarding the work performed by the Contractor.
3. This design is based on information supplied by the Contractor. Field verify that no system's placing violates the notes in this drawing set.
4. Install the system shown in accordance with the manufacturer's recommendations.
5. Contractor is responsible for obtaining all permits.



**A** Site Layout  
1 SCALE: NTS

Cokesbury Park Lane

## HAYMAN ENGINEERING, LTD

205 Park Central East, Ste 412, Springfield, MO 65806  
 Kevin T. Moore, PE Professional Engineer North Carolina License No. 043594  
 Board of Engineers-Firm License (COA) C-3535  
 (417) 831-5550 hteorders@haymanengineering.com

**FOUNDATION WORK BY:**  
**SOUTHEAST FOUNDATION REPAIR**  
**709 1/2 SOUTHWEST BLVD.**  
**CLINTON, NC 28328**  
**(910) 299-0198**

These drawings are subject to the Hayman Engineering Terms and Conditions

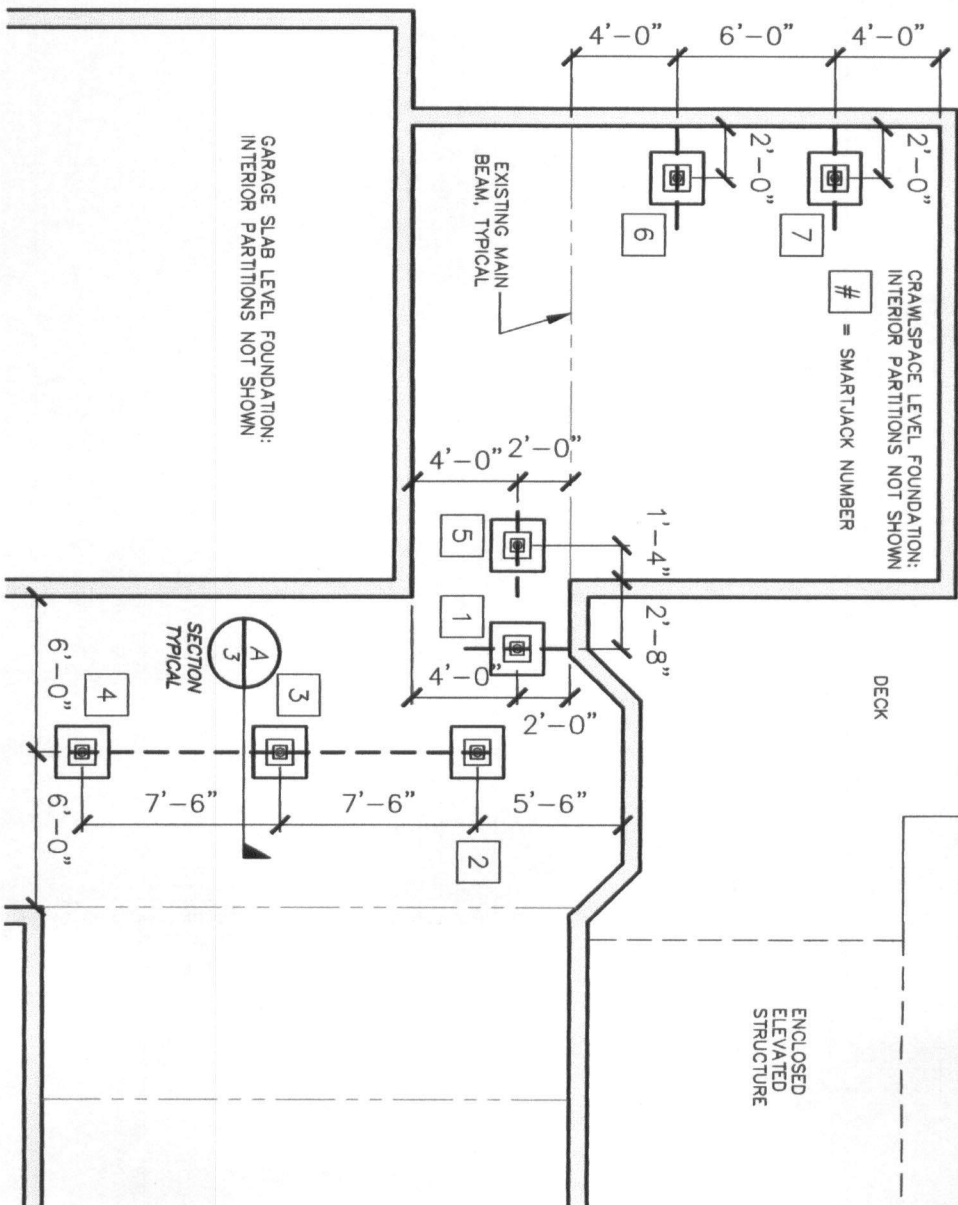
**1**  
COVER

Owner: Lois Mevs  
 Address: 125 Cokesbury Park Lane  
 Fuquay Varina, NC 27526  
 Job No: HE18070008  
 Date: 07/09/18  
 Dwn By: JKT Chkd By: KTM

Kevin C. Moore, PE  
 Digitally signed by Kevin Moore  
 Date: 2018.07.09 16:48:24 -0500  
 043594

**GENERAL NOTES**

1. System spacing is based on the following notes and assumptions. If field conditions differ, notify Engineer before placing Smarttracks.
2. Structure:
  - Foundation: 8" thk. CMU wall w/ 16Wx10D spread footing
  - Ext. siding: vinyl/wood
  - Roof: asphalt shingles
  - Exist. structure is generally in good condition.
3. Maximum allowable Smarttrack spacing on supplemental beam: 7'-9".



A  
2

Detailed Work Area  
SCALE: NTS

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**FOUNDATION WORK BY:**  
**SOUTHEAST FOUNDATION REPAIR**  
 709 1/2 SOUTHWEST BLVD.  
 CLINTON, NC 28328  
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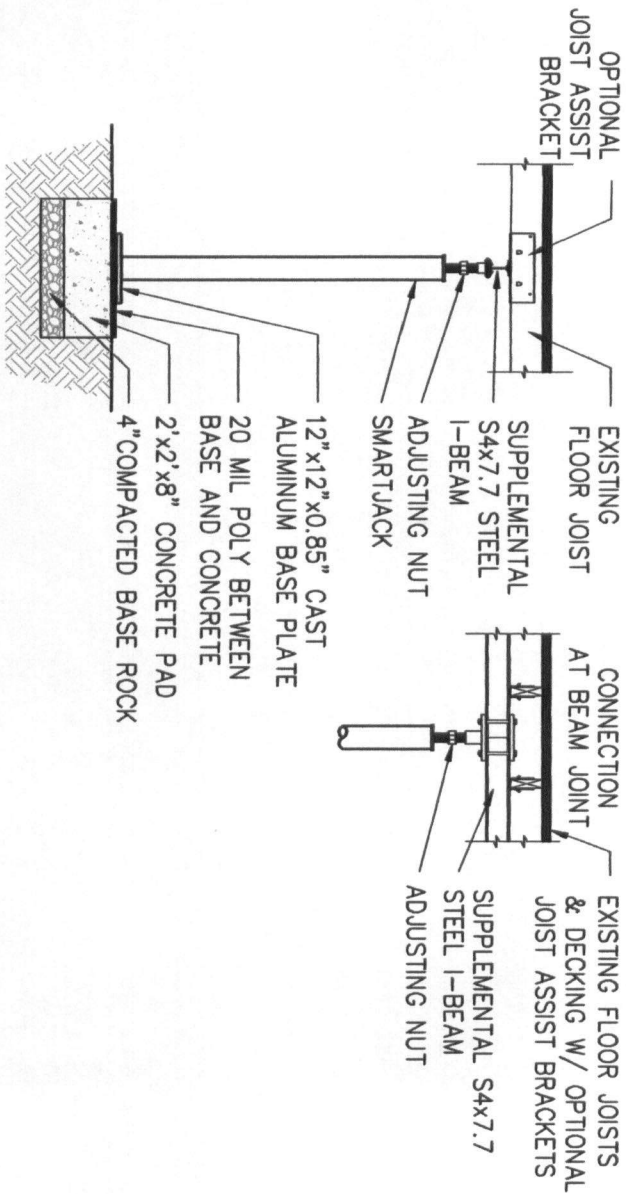
**2**  
PLAN

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 by Kevin T. Moore  
 Date: 2018.07.09  
 16:48:50 -0500  
 043594  
 KEVIN T. MOORE  
 ENGINEER  
 07/09/18

**SMARTJACK SPECIFICATIONS:**

- Foundation Supportworks Model 350 SmartJack System(tm)
  - Crawl Space Stabilizer
  - SJ350TPS4 PowerBrace Top Plate
  - SJ125ATR All Thread Rod
  - SJ350TI Threaded insert
  - SJ350T36 (or 84) Tube 3.50" OD x 0.165" wall x 36" (or 84") long field cut to length, triple-coated inline galvanized. Yield strength = 50 ksi min., Tensile strength = 55 ksi min.
  - SJFTGM cast aluminum base
- Contact engineer if spans exceed those listed.
- Contact engineer if supplemental beam supports load bearing walls or columns.



**A** Detail - SmartJack  
**3** SCALE: NTS

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**3**  
**DETAILS**

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