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October 19, 2019

Betsy Soto
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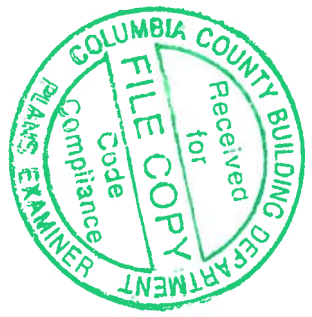


re: ENGINEER'S REPORT – 23676 S. HWY. 441, HIGH SPRINGS, FL

FIELD OBSERVATIONS

As requested, on July 5, 2019, the home at the above referenced property was inspected. Photographs of the inspections are included in this report. See Sheet S-1 for the floor plan.

At the time of the inspection, the foundation, walls, floor slab, roof trusses and roof sheathing had been construction. Per photos provided by the owners, the footing was 20" wide and 18" deep with the required reinforcing. Photos 1 and 2. The foundation wall was constructed to a height of 5'. Photos 3 and 4. A cmu bond beam was constructed on the top of the foundation walls. Photo 5.

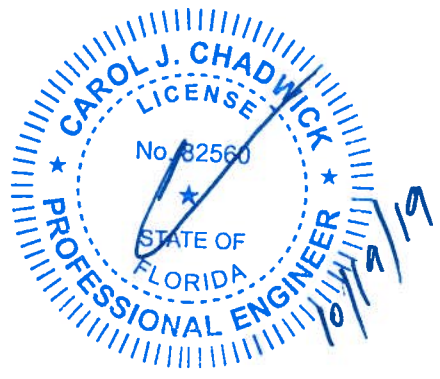
The foundation walls were backfilled, to accommodate the poured concrete floor slab. The plumbing was roughed in prior to backfilling the foundation. The backfill was treated for termites and covered with a vapor barrier. 6" x 6" wire mesh was installed over the vapor barrier. Photos 6, 7 and 8.

The walls of the structure were constructed with cmu's. Door and window openings were constructed appropriately with a concrete bond beam for headers. Windows are sized correctly for egress. Photos 9 and 10.

The roof trusses were installed. Additional struts were installed to ensure that the trusses bear upon the cmu wall. Photo 11. Hurricane straps will be installed to prevent uplift at each end of every truss.

In my professional opinion, this structure meets the structural load and uplift requirement for a residential dwelling per the Florida Building Code 2017, 6th Edition. Should you have any questions, please don't hesitate to contact me

Respectfully,



Carol Chadwick, P.E.

This report is limited to field observations. The observations were cursory. No excavations were performed as part of this inspection. Recommendations are based on these observations. Other conditions not visible at the surface may be present. I am unable to certify or guarantee no future deterioration, settlement or movement of the structure.

CC Job #FL19074

Photo 4. CMU wall reinforcement.

Photo 5. Foundation wall cmu bond beam.

Photo 6. Foundation backfill.

Photo 7. Vapor barrier over foundation backfill and mesh reinforcement for the floor slab.

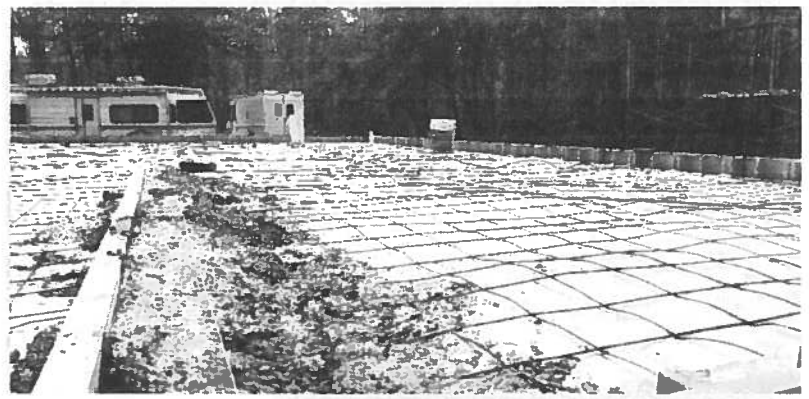
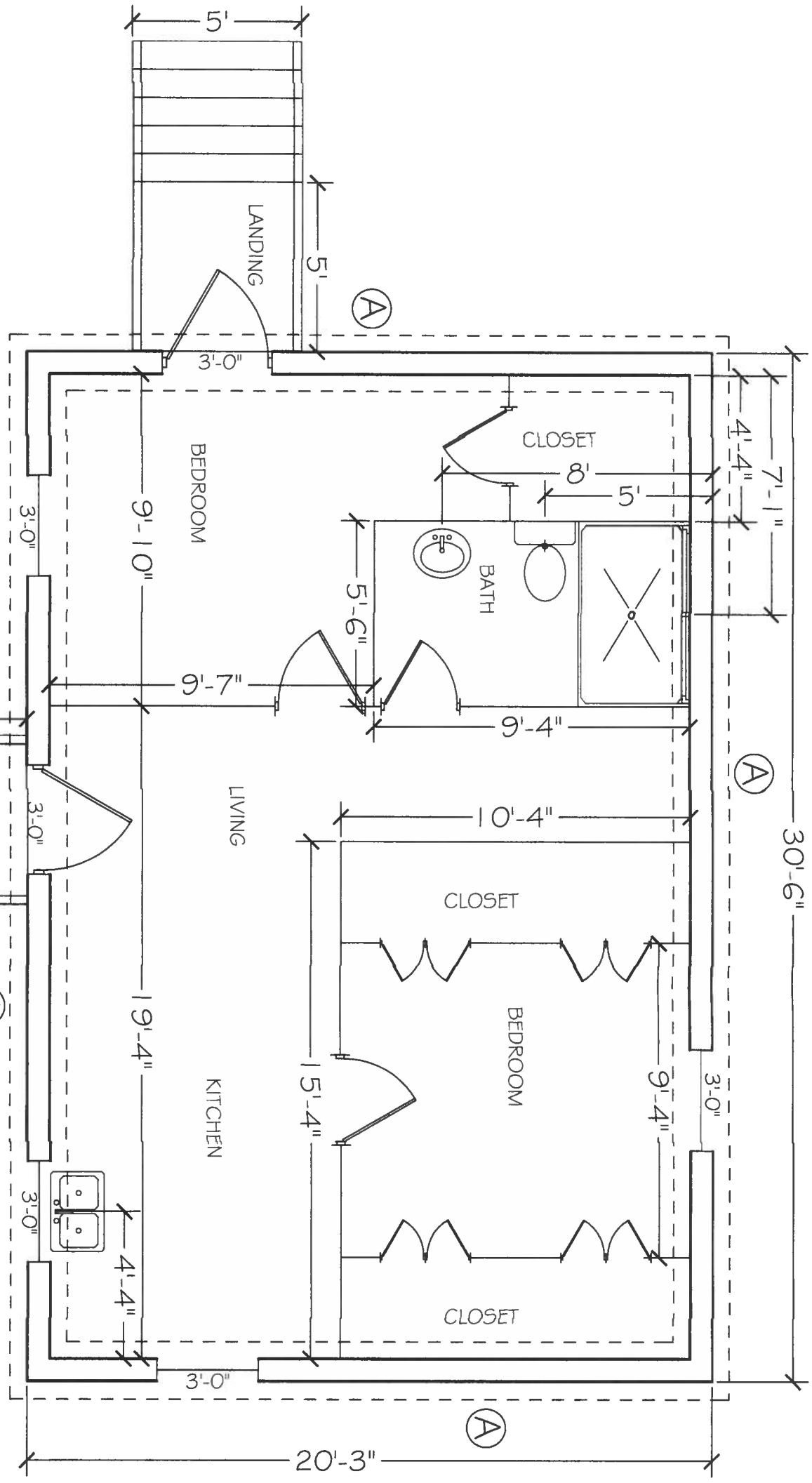


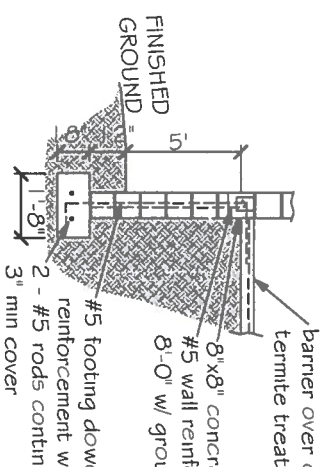
Photo 8. Concrete slab over vapor barrier over foundation backfill and mesh reinforcement.

Photo 9. Exterior walls with concrete bond beam.

Photo 10. Exterior walls with concrete bond beam.

Photo 11. Roof trusses with additional struts.





A Stem wall foundation (typ)

NOTE:
STAIRS RISER SHALL BE 7.5" AND TREADS SHALL BE 10", PER FBC, 2017.

PROFESSIONAL ENGINEER * CAROL J. CHADWICK * LICENSE No. 82560 STATE OF FLORIDA

PROJECT NO	FL19074
DATE	OCT. 19, 2019
REVISION DATE	
SHEET	S-1

SOTO RESIDENCE
FLOOR & FOUNDATION PLAN
HIGH SPRINGS, FL

PREPARED FOR
Betsy Soto
Seth Soto
23676 S. Hwy. 441
High Springs, FL
seth.soto95@gmail.com
786 942 9190

DATE	REVISION DESCRIPTION

CAROL J. CHADWICK No. 82560 STATE OF FLORIDA PROFESSIONAL ENGINEER

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