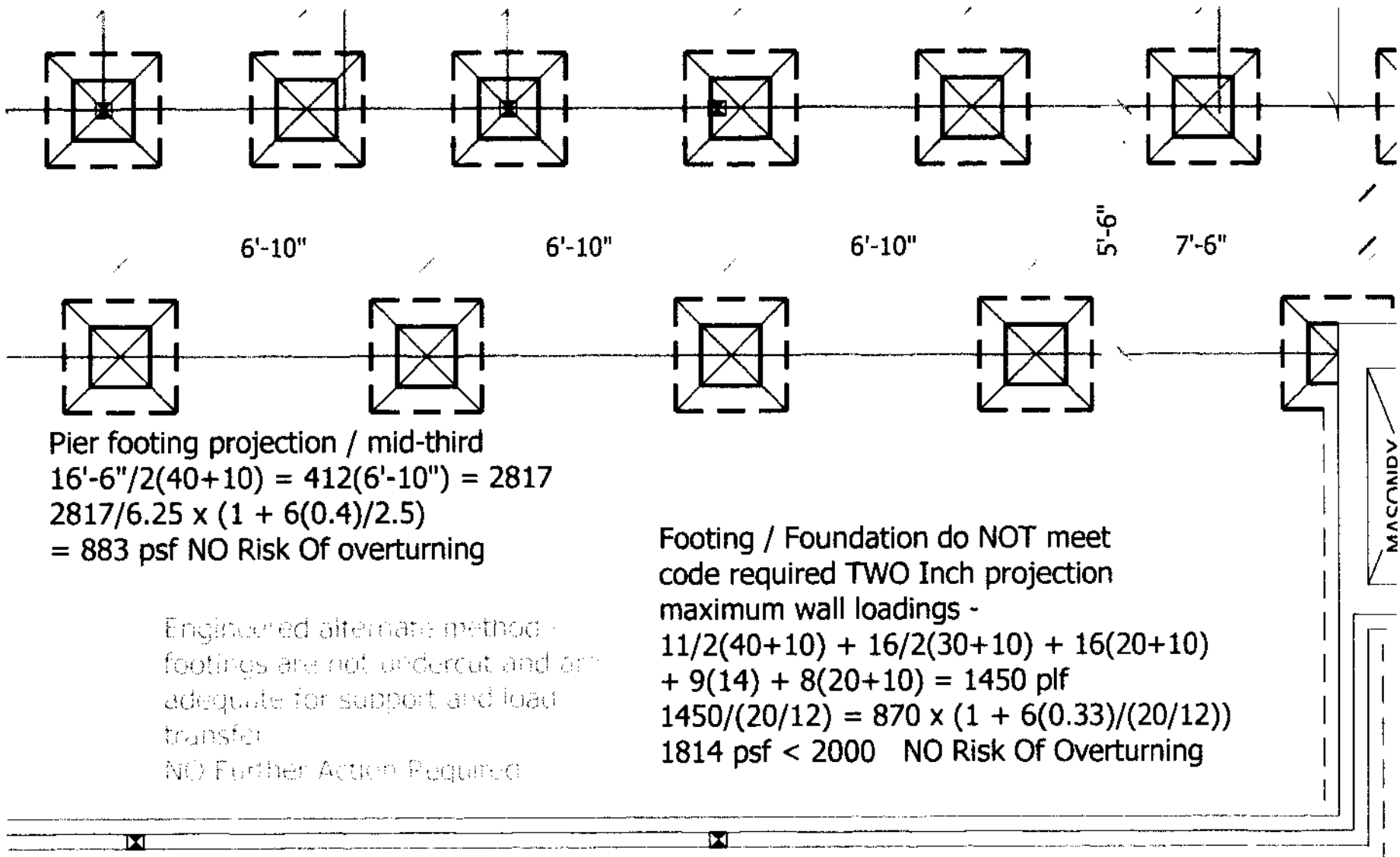

ADDRESS . . : 1016 JOSEY WILLIAMS RD SUBDIV:
TENANT, NBR: 1850043470 FOR FARM BLDG **REF
CONTRACTOR : PHONE :
OWNER . . . : BOWEN BETTY ANN W PHONE : (910) 897-3141
PARCEL . . . : 12-0565- - -0005- - -
APPL NUMBER: 18-50043471 CP NEW RESIDENTIAL (SFD)
DIRECTIONS : T/S: 03/06/2018 10:44 AM BPETRICH --
401S TOWARDS FAYETTEVILLE - GO THROUGH
BUNNLEVEL AND GO ABOUT 4 MORE MILES
THEN TURN RIGHT ON JOSEY WILLIAMS RD.
SITE IS 1 MILE ON THE RIGHT AFTER 898
JOSEY WILLIAMS.

STRUCTURE: 000 000 77X47 3BD 2BA CRAWL W/GARAGE
FLOOD ZONE : FLOOD ZONE X
BATHS : 2 # BEDROOMS : 3.00
PROPOSED USE : SFD SEPTIC - EXISTING? : NEW TANK
WATER SUPPLY : COUNTY

PERMIT: CPSF 00 CP * SFD

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
A814 01	4/10/18 4/11/18	SB AP	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 003112687 1016 JOSEY WILLIAMS RD ERWIN 28339 T/S: 04/11/2018 10:56 AM SBENNETT -----
B101 01	4/13/18 4/13/18	JH AP	R*BLDG FOOTING / TEMP SVC POLE TIME: 17:00 VRU #: 003113701 T/S: 04/11/2018 04:00 PM BPETRICH ----- AM REQUESTED
B103 01	5/10/18 5/10/18	JH DA	R*BLDG FOUND & TEMP SVC POLE TIME: 17:00 VRU #: 003125861 T/S: 05/09/2018 01:59 PM BPETRICH ----- 1)Block work not finished on garage wall on front wall in garage & garage wing walls.2)Remove dirt from footing in & out side of foundation walls & around piers for projection inspection.
B103 02	5/14/18 5/14/18	JH CA	R*BLDG FOUND & TEMP SVC POLE TIME: 17:00 VRU #: 003127180 T/S: 05/14/2018 08:06 AM LLUCAS ----- per mr bowen
B103 03	5/16/18 <i>5-16-18</i>	TI <i>AP JH</i>	R*BLDG FOUND & TEMP SVC POLE TIME: 17:00 VRU #: 003127826 T/S: 05/15/2018 08:42 AM LLUCAS -----

COMMENTS AND NOTES



Pier footing projection / mid-third
 $16'-6''/2(40+10) = 412(6'-10'') = 2817$
 $2817/6.25 \times (1 + 6(0.4)/2.5)$
 $= 883 \text{ psf NO Risk Of overturning}$

Engineered alternate method -
 footings are not undercut and are
 adequate for support and load
 transfer
 NO Further Action Required

Footing / Foundation do NOT meet
 code required TWO Inch projection
 maximum wall loadings -
 $11/2(40+10) + 16/2(30+10) + 16(20+10)$
 $+ 9(14) + 8(20+10) = 1450 \text{ plf}$
 $1450/(20/12) = 870 \times (1 + 6(0.33)/(20/12))$
 $1814 \text{ psf} < 2000 \text{ NO Risk Of Overturning}$

Bowen Residence

Alternate method meets the requirements
 of NCBC Residential Building Code Chapter
 Four
 403.1.1 (Projection) 404.1.1 (Masonry Constr)
 404.1.9 (Isolated Piers)



Structural Design By:
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8517 Wanstraw Way Apex, NC 27539
 (919) 662-5531 (276) 632-0309
 Report deficiencies immediately
 1805-26