



TYNDALL
ENGINEERING & DESIGN, P.A.

919 773-1200 • 919 773-9658
60 Shipwash Drive • Garner • North Carolina • 27529
www.tyndallengineering.com

May 10, 2013

D.R. Horton
2000 Aerial Center Parkway, Suite 110
Morrisville, NC 27560
Email: bastrurm@drhorton.com

Reference: Engineering Services
Lot 110, Stone Cross
60 Slate Dr.
Harnett County, NC

Tyndall Project No.: 1301-020351

To Whom It May Concern:

As requested by the builder, a representative of Tyndall Engineering & Design, PA (TE&D) was on-site May 10, 2013 to observe the materials / conditions of the existing / exposed foundation excavations for the address referenced above. The in-situ soils were qualitatively probed and subjected to Static Cone Penetrometer (SCP) testing. Based on the resistance values yielded, TE&D recommends the left/ rear corner (all views facing the dwelling from the street) be over excavated (2') and backfilled with additional concrete during the initial concrete placement. Reader is referred to page 4 of this report.

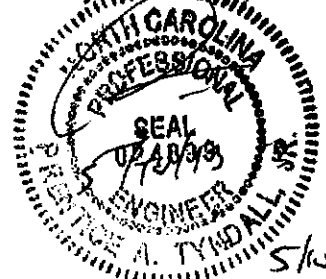
Based on our observations, analysis, and the results of our field testing, the materials / conditions of the existing / exposed foundation excavations accompanied with TE&D's recommendation will be structurally adequate to support the anticipated loading conditions (i.e. 2000psf).

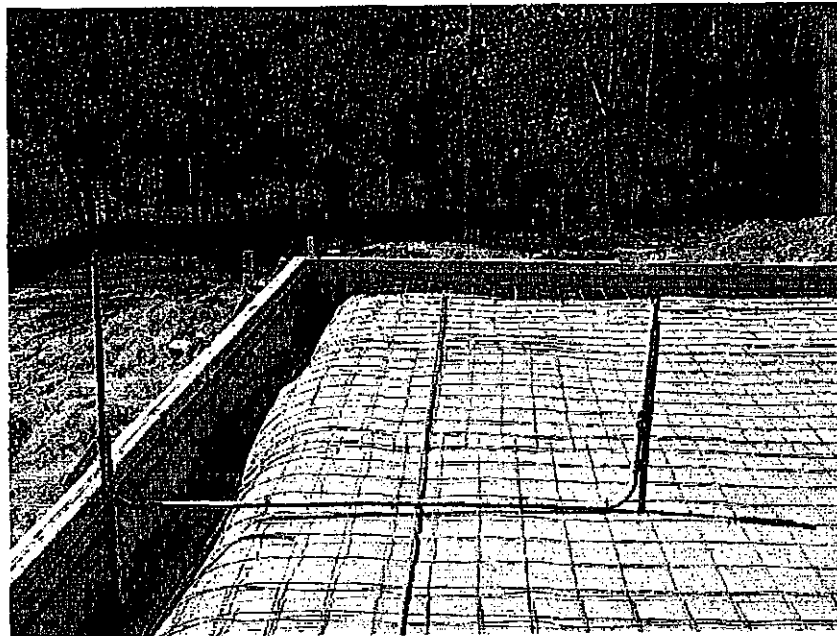
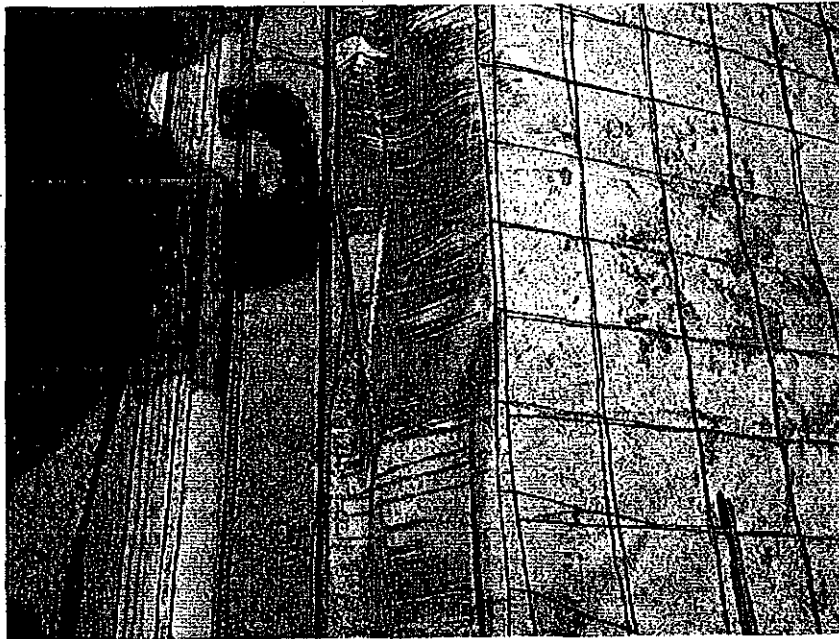
We appreciate being able to assist you during this phase of the project. If you need further assistance or require additional information, please do not hesitate to contact us.

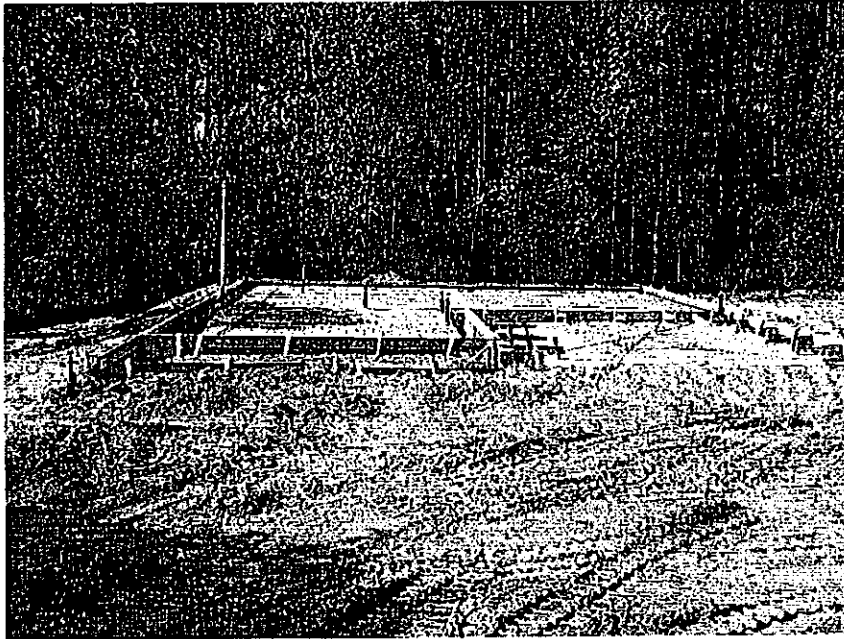
Sincerely,
Tyndall Engineering & Design

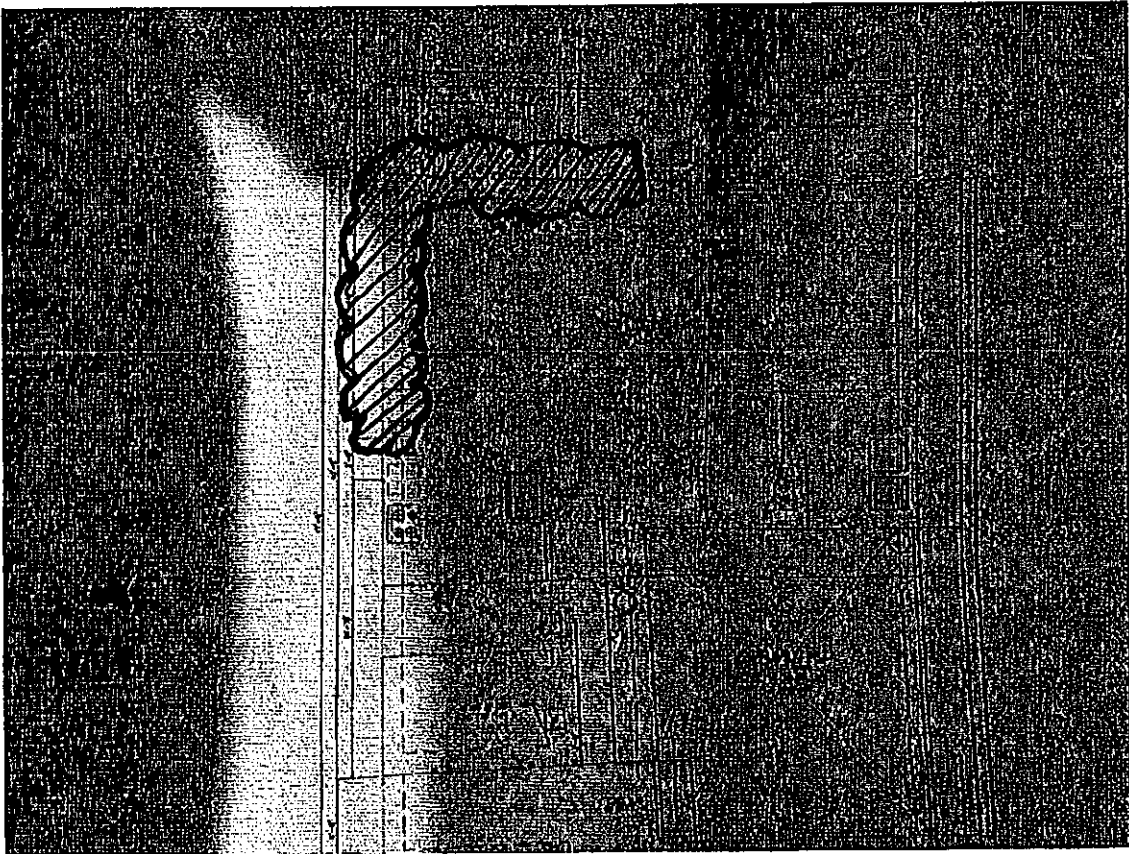
Eric A. Tyndall
EAT/ 1301-020351

Prentice A. Tyndall, PE









Over Excavate (2')

ADDRESS : 60 SLATE DR
CONTRACTOR : D.R. HORTON INC
OWNER : D.R. HORTON INC
PARCEL : 01-0535-14- -0100- -40-
APPL NUMBER: 11-50026929 CP NEW RESIDENTIAL (SFD)

SUBDIV: STONE CROSS SECT 2 PH2A&B
PHONE : (919) 460-2969
PHONE : (919) 460-2933

DIRECTIONS : T/S: 06/16/2011 10:23 AM VBROWN ----
SLATE DRIVE, STONE CROSS #110.
210S, RIGHT ON OVERHILLS RD GO 4MI,
RIGHT ON STONECROSS DR, RIGHT ON SLATE
DRIVE.

STRUCTURE: 000 000 38X46 3BDR MONO W/ GARAGE

FLOOD ZONE : FLOOD ZONE X
BEDROOMS : 3.00 PROPOSED USE : SFD
SEPTIC - EXISTING? : NEW SEPTIC WATER SUPPLY : COUNTY

PERMIT: CPSF 00 CP * SFD

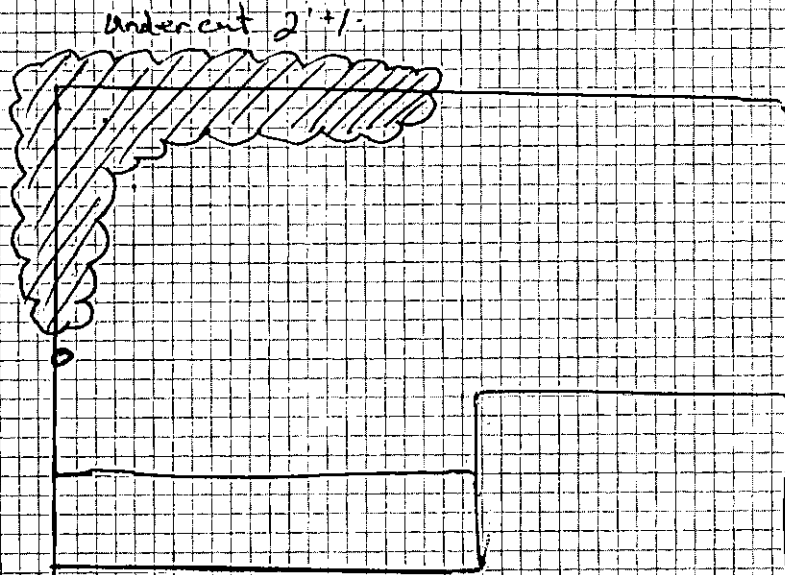
TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
P309 01	5/08/13	JH	R*PLUMB UNDER SLAB VRU #: 002378545
	5/08/13	AP	
A814 01	5/10/13	TI	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 002380418
B114 01	5/10/13	MR	R*BLDG MONO SLAB/TEMP SVC POLE TIME: 17:00 VRU #: 002380434
	5/10/13	DA	T/S: 05/10/2013 12:17 PM MREARIC pad needs compection test and the plans appear to show two thickened areas by foyer that are missing
B114 02	5/14/13	TI	R*BLDG MONO SLAB/TEMP SVC POLE TIME: 17:00 VRU #: 002382141

5-14-13 APJH

COMMENTS AND NOTES

FIELD REPORT

A rep of Tyndall Eng. & Design was on-site to observe the materials / conditions of the existing / exposed footing. The in-situ soils were probed & subjected to (SCP) testing. Based on the values yielded the left rear corner was note inadequate and should be under cut 2' +/- and back filled with add. concrete during the in-pour. Based on T&D's observations, the existing footing / with T&D's recommendations will be adequate to support loading conditions (ie 2025 psf). A signed / sealed letter will follow.



Eric Tyndall
Eric Tyndall



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JOB D. R. Horton
LOCATION L. 110 Stone Cross
CALCULATED BY ET DATE 5-10-13
SHEET NO. 1 OF 1
SCALE NTS