PREPARED 4/17/17, 14:26:41 Harnett County

INSPECTION TICKET INSPECTOR: IVR

PAGE

70 DATE 4/18/17

ADDRESS . : 128 STOCK MARKET DR

SUBDIV: MARKET PLACE PHONE: (910) 987-2900

CONTRACTOR : MARKETPLACE BUILDERS

PHONE :

OWNER . . : MCL, LLC

PARCEL . . : 03-9597- - -0056- -04-

APPL NUMBER: 17-50040658 CP NEW RESIDENTIAL (SFD) DIRECTIONS: T/S: 01/31/2017 12:39 PM JBROCK ----

MARKETPLACE S/D - 128 STOCK MARKET IS OFF ON TINGEN RD RIGHT BESIDE PATTONS

STRUCTURE: 000 000 64X60 4BDR MONO W/ GARAGE

FLOOD ZONE . . . : FLOOD ZONE X

BEDROOMS : 4000000.00 PROPOSED USE . . . : SFD SEPTIC - EXISTING? . . . : NEW TANK WATER SUPPLY : COUN WATER SUPPLY : COUNTY

PERMIT:	CPSF 00 CP * REQUESTED COMPLETED	SFD INSP RESULT	DESCRIPTION RESULTS/COMMENTS
E207 01	3/28/17 3/28/17	TSG DA	R*ELEC TEMP SERVICE POLE TIME: 17:00 VRU #: 002949964 T/S: 03/27/2017 08:33 AM LBENNETT SAID T-POLE IS IN BETWEEN THESE 2 PROPERTIES 1 no plans 2- no permit card
P309 01	3/28/17 3/28/17	TSG DP	R*PLUMB UNDER SLAB TIME: 17:00 VRU #: 002949956 T/S: 03/27/2017 08:33 AM LBENNETT 1- no plans in box 2-no permit card dispayed 3-need address or lot number displayed.
E207 02	3/31/17 3/30/17	TSG DA	R*ELEC TEMP SERVICE POLE TIME: 17:00 VRU #: 002952083 T/S: 03/30/2017 08:41 AM LBENNETT NO TEMP BOARD O SITE
P309 02	3/31/17 3/30/17	TSG AP	R*PLUMB UNDER SLAB TIME: 17:00 VRU #: 002952075 T/S: 03/30/2017 08:40 AM LBENNETT
B114 01	4/13/17 4/13/17	JH DA	R*BLDG MONO SLAB/TEMP SVC POLE TIME: 17:00 VRU #: 002958254 T/S: 04/12/2017 11:20 AM LBENNETT
B114 02	4/18/17	THE	R*BLDG MONO SLAB/TEMP SVC POLE TIME: 17:00 VRU #: 002960326 T/S: 04/17/2017 01:38 PM BPETRICH

----- COMMENTS AND NOTES -----



ECS Southeast, LLP

6151 Raeford Road Fayetteville, NC 28304 (910) 401-3288 [Phone] (910) 323-0539 [Fax]

LETTER OF TRANSMITTAL

April 10, 2017

Marketplace Builders LLC 3102 N Main Street Hope Mills, NC 28348

ATTN: Mr. Chris Roberts

RE: Foundation Evaluation - Marketplace Subdivision Lot

ECS Job # 33:4007 -

Permits:

Location: Blue Chip Ct.

Bunnlevel, NC

We are enclosing:

Materials Engineering Division Reports

For your use

As requested

ENCL:

Field Report #1

04/05/2017

you H. Parist Ryan H. Parrish

Construction Material Project Manager

Bunnlevel, NC



ECS Southeast, LLP

6151 Raeford Road Fayetteville, NC 28304 (910) 401-3288 [Phone] (910) 323-0539 [Fax]

FIELD REPORT

Project No.

33:4007

Report No.

Day & Date

Wednesday 04/05/2017

Weather

74°/ Cloudy

On-Site Time

1.75

Lab Time

0.25

Travel Time*

0.00

Total

2.00

Re Obs.Time 0.00

Remarks

Project

Location

Contractor

Client

Trip Charges*

Tolls/Parking*

Marketplace Builders LLC - Chris Roberts

Marketplace Builders LLC - Chris Roberts

Foundation Evaluation - Marketplace Subdivision Lot 4

Mileage*

Time of

Arrival Departure

01:00P

02:45P

Summary of Services Performed (field test data, locations, elevations & depths are estimates) & Individuals Contacted.

The undersigned arrived on site, as requested, to observe:

1. The excavation of footings at Lot #4.

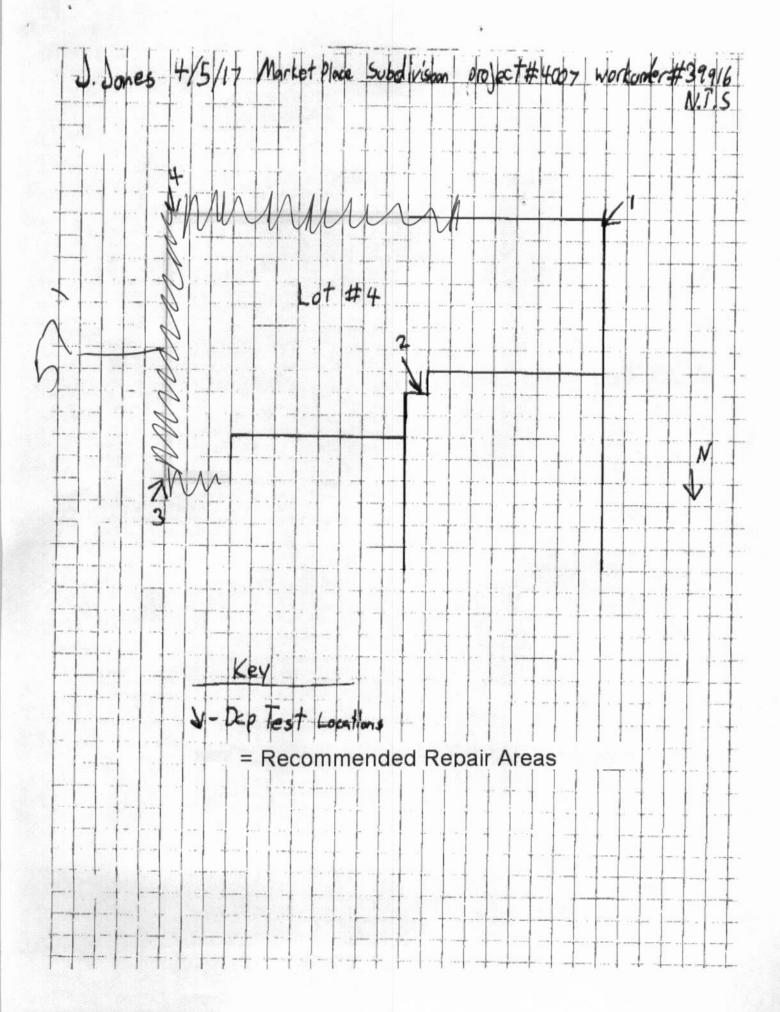
Utilizing a Dynamic Cone Penetrometer (ASTM STP-399) to check the bearing capacity of soil at the aforementioned location(s), test results indicated that soils, at the areas and elevations tested, are not capable of supporting a foundation designed for a net allowable bearing capacity of 2000 psf respectively at test locations #3 and #4.

Based on our observations and test data, ECS recommends undercutting the areas noted on the provided sketch to a depth of approximately 2 foot below the bottom of footing elevation and importing a #57 or similar washed stone back up to the desired grade.

ECS will return, as requested, for additional services.

Chargeable Items

^{*} Travel time and mileage will be billed in accordance with the contract.



NC Registered Engineering Firm # E 1079



Report of Spread Footing - Foundation Observations

Project: Foundation Evaluation -Marketplace Subdivision Lot 4	Project No.	4007	
Location: Blue Chip Ct.	Day/Date:	04/05/17	
Bunnlevel - Harnett County - NC	_		
Contractor: Marketplace Builders LLC	_		

		Size (WxHxL)	Footing Bott	om Elevation		Required Blow Counts	
Footing Number	Location	Design	Actual	Design	Depth of Undercut (in)	Description of Subgrade Material	# of Blows / increment	Design Bearing Pressure
1	southeast corner	хх	хх	2000	0 .	orange sand	6	
				3 4-157			6,6,7	
- 1	southeast corner	хх	хх	2000	-1 .	orange sand	6	
							6,7,7	1
- 1	southeast corner	хх	хх	2000	-2 .	orange sand	6	
							7,7,7	1
4	southeast corner	x x	x x	2000	3 .	orange sand	6	
							7,7,8	1
2	northwest corner	хх	хх	2000	-0 .	tan sand	6	
-			West of the second				6,6,7	1
2	northwest corner	хx	хх	2000	-1 .	tan sand	6	
-							6,6,8	1
2	northwest corner	x x	хх	2000	-2 .	tan sand	6	
-							6,7,7	1
2	northwest corner	x x	хх	2000	-3 .	tan sand	6	
-							8,8,8	1

Jacob	Ethan Jones
	ECS Southeast, LLP

WO:39916

NC Registered Engineering Firm # F-1078



Report of Spread Footing - Foundation Observations

Project: Foundation Evaluation -Marketplace Subdivision Lot 4	Project No.	4007	
Location: Blue Chip Ct. Bunnlevel - Harnett County - NC	Day/Date:	04/05/17	
Contractor: Marketplace Builders LLC	_		

		Size (WxHxL)	Footing Bott	om Elevation		Required Blow Counts	
Footing Number	Location	Design	Actual	Design	Depth of Undercut (in)	Description of Subgrade Material	# of Blows / increment	Design Bearing Pressure
3	northeast corner	хх	хх	2000	-0 .	tan sand	6	
							4,5,5	
3	northeast corner	хх	хх	2000	-1 .	organic soil	6	
,							2,2,2	
3	northeast corner	хx	хx	2000	-2 .	Organic	6	
,			L. Carlo			Materials	2,2,2	1
3	northeast corner	хx	хх	2000	-3 .	Stained sands	6	
3							2,5,6	1
4	southeast corner	хх	хх	2000	-0 .	tan sand	6	
7							3,4,4	1
4	southeast corner	хх	хх	2000	-1 .	organic soil	6	
1							3,4,4	1
4	southeast corner	хх	хх	2000	-2 .	organic soil	6	
4							2,3,3	1
4	southeast corner	хx	x x	2000	-3 .	Stained sands	6	
4							3,5,6	1

 					_
ECS	SS	outh	eas	t,	L

WO:39916