PREPARED 4/17/17, 14:26:41 INSPECTION TICKET
Harnett County INSPECTOR: IVR

PAGE 69 DATE 4/18/17

ADDRESS . : 110 STOCK MARKET DR SUBDIV: MARKET PLACE CONTRACTOR : MARKETPLACE BUILDERS PHONE : (910) 987-2900

OWNER . . : MCL, LLC PHONE :

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

APPL NUMBER: 17-50040657 CP NEW RESIDENTIAL (SFD)
DIRECTIONS: T/S: 01/31/2017 12:39 PM JBROCK ---MARKETPLACE S/D - 110 STOCK MARKET IS
OFF ON TINGEN RD RIGHT BESIDE PATTONS

POINT

STRUCTURE: 000 000 58X42 3BDR MONO W/ GARAGE

FLOOD ZONE . . . : FLOOD ZONE X

BEDROOMS : 3000000.00 PROPOSED USE : SFD SEPTIC - EXISTING? . . . : NEW TANK WATER SUPPLY : COUNTY

PERMIT:	CPSF 00 CP * REQUESTED COMPLETED	SFD INSP RESULT	DESCRIPTION RESULTS/COMMENTS
E207 01	3/28/17	TSG	R*ELEC TEMP SERVICE POLE TIME: 17:00 VRU #: 002949949
	3/28/17	DP	T/S: 03/27/2017 08:33 AM LBENNETT
			1- no plans in box 2- display address and lot number. 3-no permit card in box
P309 01	3/28/17	TSG	R*PLUMB UNDER SLAB TIME: 17:00 VRU #: 002949931
	3/28/17	DA	T/S: 03/27/2017 08:33 AM LBENNETT
E207 02	3/30/17	TSG	R*ELEC TEMP SERVICE POLE TIME: 17:00 VRU #: 002951903
	3/30/17	AP	T/S: 03/29/2017 02:05 PM LBENNETT
P309 02	3/30/17	TSG	R*PLUMB UNDER SLAB TIME: 17:00 VRU #: 002951895
	3/30/17	AP	T/S: 03/29/2017 02:05 PM LBENNETT
B114 01	4/13/17	JH	R*BLDG MONO SLAB/TEMP SVC POLE TIME: 17:00 VRU #: 002958239
	4/13/17	DA	T/S: 04/12/2017 11:20 AM LBENNETT
			1) PLans show footing & foundation wall not mono slab. 2) Need engineer seal on soil fill letter.3) Need continous footing at garage door per plans.
B114 02	4/18/17	TIO	R*BLDG MONO SLAB/TEMP SVC POLE TIME: 17:00 VRU #: 002960334
	4-18	A	T/S: 04/17/2017 01:38 PM BPETRICH

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



ECS Southeast, LLP

6151 Raeford Road Suite A 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 # 33:4008

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

Ryan H. Parrish Construction Material Project Manager

Dennis D Lowery

Project Engineer

MINGINEE NE

Bunnlevel, NC



ECS Southeast, LLP

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

FIELD REPORT

Project No.

33:4008

Report No.

Day & Date

Wednesday 04/05/2017

Weather

74°/ Cloudy

On-Site Time

1.00

Lab Time

0.25

Travel Time*

0.00

Total

1.25

Re Obs.Time

0.00

Remarks

Project

Location

Contractor

Client

Trip Charges*

Chargeable Items

Tolls/Parking*

Marketplace Builders LLC - Chris Roberts

Marketplace Builders LLC - Chris Roberts

Mileage*

Time of

Arrival Departure

02:45P

03:45P

Foundation Evaluation - Marketplace Subdivision Lot 5

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

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

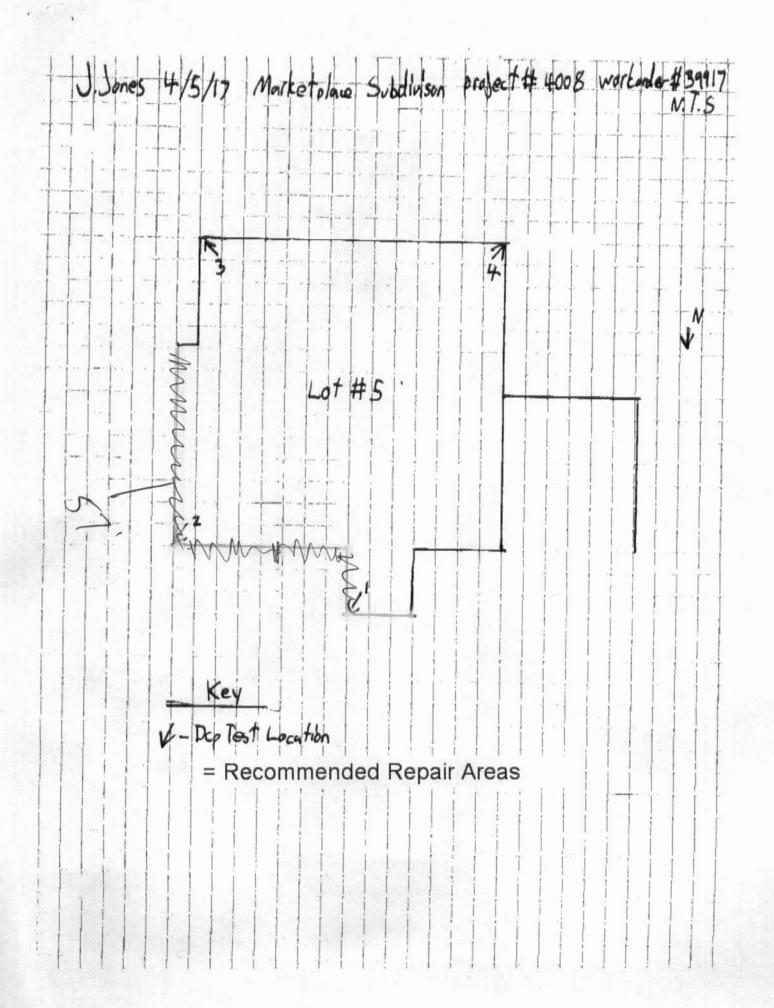
1. The excavation of footings at lot #5.

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 #1 and #2.

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.

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



NC Registered Engineering Firm # F-1078



Report of Spread Footing - Foundation Observations

Project: Foundation Evaluation - Marketplace Subdivision Lot 5	_ Project No.	4008
Location: Blue Chip Ct.	Day/Date:	04/05/17
Bunnlevel - Harnett County - NC -	X-1	

Contractor: Marketplace Builders LLC

	Location	Size (W x H x L)		Footing Bottom Elevation				Required Blow Counts	
Footing Number		Design	Actual	Design	Depth of Undercut (in)		Description of Subgrade Material	# of Blows / increment	Design Bearing Pressure
1	north corner	хх	хх	2000	0 .		tan sand	6	2000
								4,5,5	2000
4	north corner	хх	х х х х	2000	-1 .		organic soil	6	2000
								3,3,3	
- 4	north corner	хх	x x x x	2000	-2 .		organic soil	6	2000
1								3,3,3	
4	north corner	north corner x x	xx xx	2000	-3 .		Stained sands	6	2000
								2,5,7	
2	north east corner	хх	хх	2000	-0 .		tan sand	6	2000
-								2,2,2	
2	north east corner	хх	хх	2000	-1 .		organic soil	6	2000
- 2							2,2,3	2000	
2	north east corner	st corner x x x x 2000	хх	2000	-2 .		tan sand	6	2000
2						6,5,5	2000		
	north east corner	хх	x x	2000	-3 .	-3 .	tan sand	6	2000
2								7,6,6	

r:	Jacob Ethan Jones
	ECS Southeast, LLP

WO:39917

NC Registered Engineering Firm # F-1078



Report of Spread Footing - Foundation Observations

Contractor: Marketplace Builders LLC

Project: Foundation Evaluation - Marketplace Subdivision Lot 5	Project No.	4008	
Location: Blue Chip Ct. Bunpleyel - Harnett County - NC -	Day/Date:	04/05/17	

Footing Number	Location	Size (W x H x L)		Footing Bottom Elevation				Required Blow Counts		
		Design	Actual	Design	Depth of Undercut (in)	Description of Steel Placed	Description of Subgrade Material	# of Blows / increment	Design Bearing Pressure	
3	south east corner	хх	хх	2000	0 .		organic soil	6	2000	
				Te de la cons	Sale Cal			3,5,8	2000	
3	south east corner	хх	хх	2000	-1 .		tan sand	6	2000	
								6,6,7		
3	south east corner	corner x x x x 2000 -2 .	x x x x	2000	-2 .		tan sand	6	2000	
,					6,7,7	1				
3	south east corner	r x x	хх	2000	-3 .		tan sand	6	2000	
,								6,7,7		
4	south west corner	est corner x x	хх	2000	-0 .	120000000000000000000000000000000000000	orange/red sand	6	2000	
				The same				6,7,7		
4	south west corner	хх	x x	2000	-1 .	7	orange/red	6	2000	
								sand	7,7,7	2000
4	south west corner	uth west corner x x x	хх	2000	-2 .	Of	orange/red	6	2000	
								sand	7,7,8	2000
4	south west corner	south west corner	хх	хх	2000	-3 .		orange/red	6	2000
7							sand	8,8,9	2000	
			-							

r.	Jacob Ethan Jones	
	ECS Southeast, LLP	18

WO:39917