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ADDRESS . . : 104 TROPHY RDG SUBDIV: THE RESERVE 22LOTS  
CONTRACTOR : WATERMARK HOMES, INC. PHONE : (910) 483-2229  
OWNER . . . : PIERCE DEVELOPMENT LLC PHONE :  
PARCEL . . . : 08-0645- - -0100- -14-  
APPL NUMBER: 17-50042954 CP NEW RESIDENTIAL (SFD)  
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DIRECTIONS : T/S: 12/18/2017 01:35 PM BPETRICH --  
104 TROPHY RIDGE FUQUAY VARINA 27526  
THE RESERVE #14  
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**STRUCTURE: 000 000 58X58 4BD 3BA SLAB W/GAR & FIN BON**

FLOOD ZONE . . . . : FLOOD ZONE X  
# BATHS . . . . . : 3 # BEDROOMS . . . . . : 4.00  
PROPOSED USE . . . . : SFD SEPTIC - EXISTING? . . . . : NEW TANK  
WATER SUPPLY . . . . . : COUNTY  
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**PERMIT: CPSF 00 CP \* SFD**

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
B101 01	2/16/18 2/16/18	MC AP	R*BLDG FOOTING / TEMP SVC POLE VRU #: 003089901 Premise number-51831074 T/S: 02/16/2018 02:16 PM MCOOK ----- CALLED IN AT 9:54AM
A814 01	2/16/18 2/16/18	SB AP	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 003090370 104 TROPHY RDG FUQUAY VARINA 27526 T/S: 02/16/2018 11:53 AM SBENNETT -----
B103 01	2/23/18 2/23/18	BS AP	R*BLDG FOUND & TEMP SVC POLE VRU #: 003093309 T/S: February 23, 2018 03:24 PM BSUTTON -----
P309 01	3/05/18 3/05/18	MC DA	R*PLUMB UNDER SLAB VRU #: 003096187 T/S: 03/05/2018 03:09 PM MCOOK ----- 1. manufactor spec. for plumbing pipe requires no more than 3/4 aggregate rock/stone for embedment of pipe
P309 02	3/07/18 3/07/18	MC AP	R*PLUMB UNDER SLAB VRU #: 003098142 T/S: 03/07/2018 02:29 PM MCOOK -----
B111 01	3/09/18 3/09/18	MC AP	R*BLDG SLAB INSP/TEMP SVC POLE VRU #: 003099603 T/S: 03/09/2018 12:16 PM MCOOK -----
B104 01	4/16/18 4/16/18	BP AP	R*FOUND & SETBACK VERIF SURVEY TIME: 17:00 VRU #: 003115193 T/S: 04/16/2018 01:08 PM BPETRICH ----- T/S: 04/16/2018 01:08 PM BPETRICH -----
R425 01	4/18/18 <u>4-15</u>	TT <u>DA</u>	FOUR TRADE ROUGH IN TIME: 17:00 VRU #: 003115813 T/S: 04/17/2018 02:42 PM LLUCAS -----

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



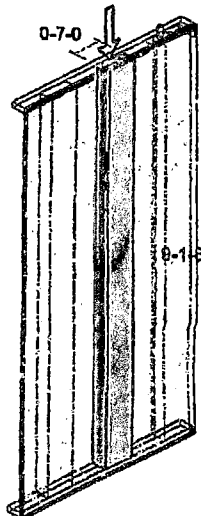
isDesign™

Client: Watermark Homes  
Project: Lot 14 The Reserve  
Address: Lot 14 The Reserve

Date: 1/22/2018  
Designer: Anthony Williams  
Job Name: Lot 14 The Reserve  
Project #:

### S1 Anthony Power Column 3.500" X 7.000" - PASSED

Level: Level



Design Method: ASD  
 Building Code: IBC 2012  
 Importance: Normal  
 Application: Stud In Wall  
 Load Sharing: Yes  
 Spacing: 1-4-0  
 Unbraced Length: Continuous  
 Orientation: Plank  
 Building Type: Enclosed  
 Zone: Zone 4  
 Mean Roof Height: 30-0-0  
 Wind Speed mph: 115  
 Exposure: C  
 Category:  
 Topographical Factor Kzt: 1.0  
 Risk Occupancy: Category II  
 TL Deflection Limit: L/360

Design OK  
 Design Notes  
 1. Axial load eccentricity of 1/8 dimension applied only to the direction perpendicular to the wall.  
 2. Designed in accordance with NDS 2012, ASCE7 and IBC 2012.  
 3. Restrain top and bottom of member for lateral stability.  
 4. Holes and notches are not allowed in member.  
 5. Effective length factor 0.85 for slenderness and strength calculations.  
 6. Design wind load based on leeward pressure 35 PSF. Windward pressure is 32 PSF.

#### Analysis

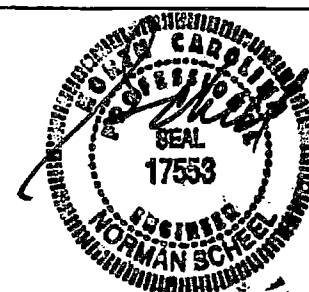
#### Design Properties

	Actual	Allowed	Capacity	Load Combination
Slenderness	31.3	50.0	63%	
Axial (lb.)	9026	19811	46%	D+L
Axial + Bending	0.53	1	53%	D+L
Bearing SPF (lb.)	9087	10413	87%	D+L
Deflection	0.230 (in.) L/475	0.304 (in.) L/360	76%	D+0.75(L+(0.7)(0.6)W)
Reaction Top	127			D+0.6W
Reaction Bot	127			D+0.6W

E:	1900000	Fc:	2300
Ey:	1900000	Fv:	0
Fb:	2100	Fvy:	0
Fby:	2300		

#### Applied Loads

ID	Load Type	Location	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
<b>Axial</b>								
1	Point	9-1-8	4448 lb	4578 lb	0 lb	0 lb	0 lb	
<b>Lateral</b>								
2	Uniform		0 PLF	0 PLF	0 PLF	46 PLF	0 PLF	



The signature has been electronically transmitted

Manufacturer Info  
 Anthony Forest Products Co  
 308 North Washington  
 El Dorado, AR 71730  
 (800) 221-2328  
 www.anthonyforest.com

Comtech, Inc.  
 1001 S. Rally Road, Suite #639  
 Fayetteville, NC  
 USA  
 28314  
 610-864-TRUS



# VIOLATION NOTICE

## DO NOT REMOVE!

### Harnett County Inspection Department

108 East Front Street • P.O. Box 65

Lillington, NC 27546

Phone: (910) 893-7525 Ext. 1 • Fax: (910) 893-2793

Job Name: Watermark Homes Inc Date: 4-18-18

Address: 104 Trophy Rdg.

Lot No.: \_\_\_\_\_ Permit No.: 17-50042954

( Check Box for Violation )

- |                                     |                                     |   |  |                                     |                                       |                                 |                                      |
|-------------------------------------|-------------------------------------|---|--|-------------------------------------|---------------------------------------|---------------------------------|--------------------------------------|
| <input type="checkbox"/> Footing    | <input type="checkbox"/> Foundation | <input checked="" type="checkbox"/> Bldg. | <input checked="" type="checkbox"/> Elec.  | <input type="checkbox"/> Plumb.     | <input type="checkbox"/> Mech.        | <input type="checkbox"/> Insul. | <input type="checkbox"/> Floor Fram. |
| <input type="checkbox"/> Floor Slab | <input type="checkbox"/> MFG. Home  | <input type="checkbox"/> Modular          | <input type="checkbox"/> Damp/Water Proof. | <input type="checkbox"/> Structural | <input type="checkbox"/> Wall Sheath. | <input type="checkbox"/> Other  |                                      |

Violations Found: ① Joist hanger missing on floor joist above entry door to house from the garage.  
② Need protection plate on 10/12 wire thru studs next to the garage personnel door.  
③ Anthony Power Column supporting girders truss has been drilled for electrical wiring - Not 4 on cut sheet states holes are not allowed - need engineers Repair.  
④ Truss C-1 missing web brace - circled on sheet  
⑤ Baffles are to be installed @ Rough in.

OK to side

Code Enforcement Official

Signature: K. Slatto

Date: 4-18-18

It is unlawful for any subcontractor, general contractor, or owner to cover or cause to be covered any part of the work with flooring, sheetrock, earth or other material until the proper inspector had ample time to approve the installation