

ADDRESS .. : 30 APACHE TRL SUBDIV: SUMMERLIN 34LOTS
 CONTRACTOR : SMG PRECISION PROPERTIES, LLC PHONE : (910) 988-8172
 OWNER . . : PRECISION CUSTOM HOMES & RENOV PHONE :
 PARCEL . . : 09-9567- - -0054- -29-
 APPL NUMBER: 17-50041557 CP NEW RESIDENTIAL (SFD)
 DIRECTIONS : T/S: 06/06/2017 10:40 AM LBENNETT --
 30 APACHE TRAIL
 TAKE NC-27W TO NC-87N - TURN RIGHT ONTO
 NC-87 MAKE FIRST LEFT ONTO MILTON WELCH
 RD - SUMMERLIN DR WILL BE APPROX 2
 MILES DOWN ON THE RIGHT

STRUCTURE: 000 000 55X35 4BDR 2.5 BATH W/GARAGE SLAB

FLOOD ZONE : FLOOD ZONE X
 # BEDROOMS : 4.00 PROPOSED USE : SFD
 SEPTIC - EXISTING? : NEW WATER SUPPLY : COUNTY

PERMIT: CPSF 00 CP * SFD

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
A814 01	7/21/17 7/21/17	SB AP	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 003000767 30 APACHE TRL SANFORD 27332 T/S: 07/21/2017 10:13 AM SBENNETT -----
B101 01	7/31/17 7/31/17	JLP AP	R*BLDG FOOTING / TEMP SVC POLE VRU #: 003005402 T/S: 07/31/2017 02:10 PM JPERRY -----
B103 01	8/25/17 8/25/17	TSG AP	R*BLDG FOUND & TEMP SVC POLE VRU #: 003016847 T/S: 08/25/2017 03:17 PM SGUY -----
E205 01	9/08/17 9/08/17	TSG DA	R*ELEC UNDER SLAB VRU #: 003022498 1-PROTECT DRAIN LINES RAN IN THICKEND FOOTERS 2- PROTECT DRAIN LINES IN CONTACT WITH CONCRETE 3- TEST DOWN 4- ELECTRICAL CONDUIT NOT INSTALLED
P309 01	9/08/17 9/08/17	TSG DA	R*PLUMB UNDER SLAB VRU #: 003022480 1-PROTECT DRAIN LINES RAN IN THICKEND FOOTERS 2- PROTECT DRAIN LINES IN CONTACT WITH CONCRETE 3- TEST DOWN 4- ELECTRICAL CONDUIT NOT INSTALLED
R125 01	9/08/17 9/07/17	TI CA	ONE TRADE ROUGH IN VRU #: 003022449 This inspection is for the rough in / under slab inspection of the plumbing... not sure if I clicked on the correct one.
E205 02	9/12/17 9/12/17	TSG AP	R*ELEC UNDER SLAB TIME: 17:00 VRU #: 003023199 T/S: 09/08/2017 02:50 PM LLUCAS ----- T/S: 09/12/2017 11:20 AM SGUY -----
P309 02	9/12/17 9/12/17	TSG DP	R*PLUMB UNDER SLAB TIME: 17:00 VRU #: 003023181 T/S: 09/08/2017 02:50 PM LLUCAS ----- ITEMS 1 AND 3 FROM PREVIOUS INSPECTION NOT CORRECTED HEAD TEST DOWN AND PIPES NOT PROTECTED CODE 305.5
P309 03	9/14/17 9/14/17	TSG AP	R*PLUMB UNDER SLAB TIME: 17:00 VRU #: 003024312 T/S: 09/12/2017 03:55 PM LLUCAS -----
B111 01	9/21/17 9/21/17	TSG AP	R*BLDG SLAB INSP/TEMP SVC POLE VRU #: 003026853 Need final grade inspection before we pour the slab. Thanks. T/S: 09/21/2017 02:34 PM SGUY -----
R425 01	10/20/17 10/20/17	TSG DA	FOUR TRADE ROUGH IN VRU #: 003040888 1-strap garage lvl 2 need eng on drilled truss overhed in garage. ✗ air barrier overhead garage at unconditioned

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areas. 4-midstory stap in half bath. 5-nail plate required in half bath both sides vent pipe at bottom plate 6-gas line to fireplace not installed 7-anchor bolt required at slider and front door. 8-fire block duct chase second floor. 9- missing roof boot. 10-eng on drilled truss in bonus room 11-attach interior load bearing walls. ok to side and insulate

R425 02	11/01/17	TI	FOUR TRADE ROUGH IN VRU #: 003047008
	10/30/17	CA	Re-inspection
I129 01	11/02/17	TI	R*INSULATION INSPECTION VRU #: 003048105
R425 03	11/02/17	TI	FOUR TRADE ROUGH IN VRU #: 003047354
			Re-Inspection

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

WILBUR E. DEES, P.E., P.L.S.
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2927 MIDDLESEX ROAD
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NOVEMBER 1, 2017

HARNETT COUNTY CENTRAL PERMITTING
P.O. BOX 65
LILLINGTON, NORTH CAROLINA 27546

RE: NEW RESIDENCE UNDER CONSTRUCTION
30 APACHE TRAIL
SANFORD, N.C. 27332

DEAR SIR:

THE ABOVE REFERENCED NEW RESIDENCE IS BEING CONSTRUCTED UNDER YOUR BUILDING APPLICATION #17-50041557.

BASED UPON MY PREVIOUS SITE VISITS AND INSPECTIONS, OF THE PRE-ENGINEERED WOOD ROOF AND FLOOR TRUSSES, I FOUND THE ELECTRICAL CONTRACTOR HAD DRILLED HOLES IN A NUMBER OF TRUSSES TO FACILLITATE HIS WIRE PLACEMENT.

DRILLING HOLES IN PRE-ENGINEERED WOOD TRUSSES IS A VIOLATION OF THE NORTH CAROLINA STATE RESIDENTIAL BUILDING CODE. ALTERATIONS OF THE TRUSSES COMPROMISES THEIR STRUCTURAL INTERGITY.

TO CORRECT THIS, I DIRECTED THE CONTRACTOR TO PLACE METAL TYPE TRUSS PLATES ON EACH SIDE OF THE "DRILLED HOLES" ON EACH SIDE OF THE TRUSS MEMBER. THE PLATES ARE TO BE PERPENDICULAR TO THE WOOD GRAIN OF THE TRUSS MEMBER THAT WAS ALTERED.

ON EACH SIDE OF THE STAIRWAY TO THE SECOND FLOOR, THE BOTTOM CHORD HAS BEEN DRILLED NEAR THE END OF EACH TRUSS. THE STAIRWAY WALL UNDER EACH FLOOR TRUSS IS PROVIDING ADDITIONAL BEARING LENGTH FOR EACH TRUSS. I DO NOT BELIEVE THESE TWO TRUSSES HAVE BEEN STRUCTURALLY COMPROMISED.

SUBSEQUENTLY, I REVISITED THE ABOVE REFERENCED CONSTRUCTION SITE AND OBSERVED THE CORRECTIVE WORK THE CONTRACTOR WAS PREVIOUSLY DIRECTED TO PERFORM. A COUPLE OF PLATES ON ONE SIDE OF THE TRUSS MEMBER WAS MISSING DUE TO A "FIELD CONDITION".

I, THEREFORE, CERTIFY THAT ALL OF THE ALTERED TRUSSES ARE NOW SAFE AND ARE STRUCTURALLY ADEQUATE TO SUPPORT ALL LOADING AS REQUIRED BY THE NORTH CAROLINA STATE RESIDENTIAL BUILDING CODE.

SHOULD YOU HAVE ANY QUESTIONS PLEASE DO NOT HESITATE TO CONTACT ME.

SINCERELY,
WILBURE DEES
PROFESSIONAL ENGINEERS
P.E.
2008
WILBURE DEES P.E., P.L.S.
ENGINEERS
NORTH CAROLINA

