

ADDRESS : 188 ATKINS VILLAGE CT SUBDIV: ATKINS VILLAGE PH1 20LTS  
 CONTRACTOR : ROYAL OAKS BUILDING GROUP LLC PHONE : (919) 233-3886  
 OWNER : ATKINS VILLAGE LLC PHONE :  
 PARCEL : 04-0672- - -0118- -12-  
 APPL NUMBER: 16-50038659 CP NEW RESIDENTIAL (SFD)  
 DIRECTIONS : T/S: 05/06/2016 10:32 AM JBROCK ----  
 ATKINS VILLAGE #12  
 permise #06398912

STRUCTURE: 000 000 44X64.6 4BDR CRAWL W/ GARAGE & DECK  
 FLOOD ZONE : FLOOD ZONE X  
 # BEDROOMS : 4000000.00 PROPOSED USE : SFD  
 SEPTIC - EXISTING? : NEW TANK WATER SUPPLY : COUNTY

PERMIT: CPSF 00 CP \* SFD

TYP/SQ	REQUESTED COMPLETED	INSP RESULT	DESCRIPTION RESULTS/COMMENTS
A814 01	6/08/16 6/09/16	SB AP	ADDRESS CONFIRMATION TIME: 17:00 VRU #: 002827814 188 ATKINS VILLAGE CT FUQUAY VARINA 27526 T/S: 06/09/2016 10:20 AM SBENNETT -----
B101 01	6/08/16 6/08/16	BS AP	R*BLDG FOOTING / TEMP SVC POLE TIME: 17:00 VRU #: 002827046 T/S: 06/07/2016 08:14 AM JBROCK ----- T/S: June 08, 2016 08:43 AM BSUTTON -----
B103 01	6/08/16 6/08/16	BS AP	R*BLDG FOUND & TEMP SVC POLE TIME: 17:00 VRU #: 002827798 T/S: 06/08/2016 08:30 AM JBROCK ----- T/S: June 08, 2016 08:43 AM BSUTTON -----
B105 01	6/10/16 6/10/16	KS AP	R*OPEN FLOOR TIME: 17:00 VRU #: 002828549 T/S: 06/09/2016 09:06 AM JBROCK ----- T/S: 06/10/2016 03:34 PM KSLATTUM -----
B104 01	7/11/16 7/11/16	JB AP	R*FOUND & SETBACK VERIF SURVEY TIME: 17:00 VRU #: 002842532 T/S: 07/11/2016 02:45 PM JBROCK ----- T/S: 07/11/2016 02:45 PM JBROCK -----
R425 01	7/12/16 7/12/16	BS DA	FOUR TRADE ROUGH IN TIME: 17:00 VRU #: 002842540 T/S: 07/11/2016 02:45 PM JBROCK ----- T/S: July 12, 2016 12:10 PM BSUTTON ----- 1. Tighten nut at garage door. 2. Need structural nail plate at vanity vent in 1st floor bath. 3. Plan specifies a PSL column at rear door. Ripped down LVL installed. Provide engineering. 4. Fireblock chase 1st floor adjacent to stairs. 5. Need tempered window bottom of third floor stairs. 6. Some trusses not installed in location according to layout. Have truss engineer verify this is not an issue. Ok to side
R425 02	7/15/16 7/15/16	BS DA	FOUR TRADE ROUGH IN TIME: 17:00 VRU #: 002844728 T/S: 07/14/2016 03:37 PM JBROCK ----- T/S: July 15, 2016 11:00 AM BSUTTON ----- Also, repair stud at exterior kitchen wall cut for switch box.
R425 03	7/19/16 <u>7-19-16</u>	TI <u>APB</u>	FOUR TRADE ROUGH IN VRU #: 002845535

COMMENTS AND NOTES

Job <b>66014760REPA</b>	Truss <b>A02A</b>	Truss Type <b>PIGGYBACK ATTIC</b>	Qty <b>5</b>	Ply <b>1</b>	<b>RYOAKS-EDENTON-A/B-RF 3.5</b>
----------------------------	----------------------	--------------------------------------	-----------------	-----------------	----------------------------------

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC 7.640 s Apr 8 2016 MITek Industries, Inc. Fri Jul 15 10:42:22 2016 Page 1  
 ID: C\_5t11faLsYqafuTmJ1Adypdrc-L7f5O5DgMjbpjIP3xN\_AJbKwryOwx0b2hYkqysall

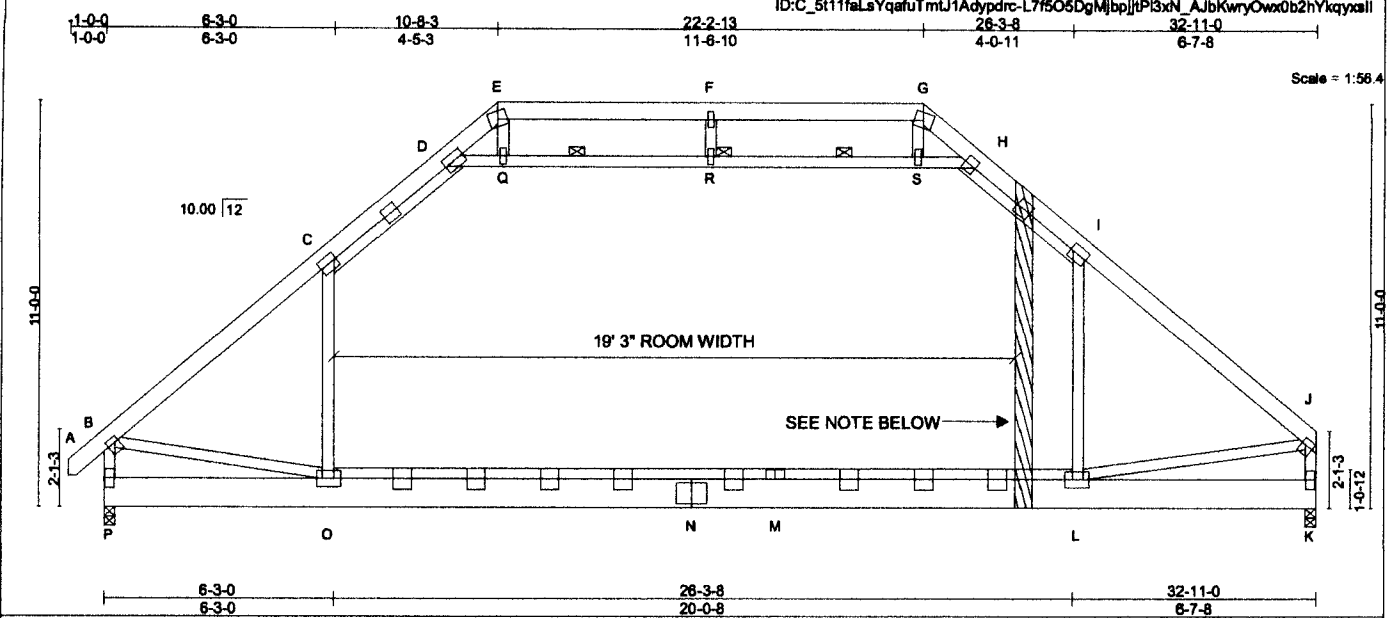


Plate Offsets (X,Y)-- [B:0-1-4,0-1-12], [H:0-0-11,0-2-8], [J:0-1-4,0-2-0], [L:0-2-0,0-2-8], [O:0-2-0,0-2-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	1-0-0	TC 0.85	in (loc) l/defl L/d	MT20	244/190
TCDL 10.0	Plate Grip DOL 1.15	BC 0.62	Vert(LL) -0.50 L-O >776 240	MT18H	244/190
BCLL 0.0 *	Lumber DOL 1.15	WB 0.89	Vert(TL) -0.72 L-O >544 180		
BCDL 10.0	Rep Stress Incr YES	(Matrix-M)	Horz(TL) 0.03 K n/a n/a		
	Code IRC2009/TPI2007		Attic -0.36 L-O 682 360	Weight: 333 lb	FT = 4%

**LUMBER-**  
 TOP CHORD 2x6 SP No.1 \*Except\*  
 T2: 2x6 SP No.2  
 BOT CHORD 2x10 SP No.1 \*Except\*  
 B4,B2: 2x4 SP No.2  
 WEBS 2x4 SP No.3 \*Except\*  
 W3,W8: 2x4 SP No.2

**BRACING-**  
 TOP CHORD Structural wood sheathing directly applied or 5-2-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.); E-G.  
 BOT CHORD Rigid ceiling directly applied or 6-4-11 oc bracing.  
 WEBS 1 Row at midpt D-R, H-R  
 JOINTS 1 Brace at J(a); R  
 This truss requires both edges of the bottom chord be sheathed in the room area.

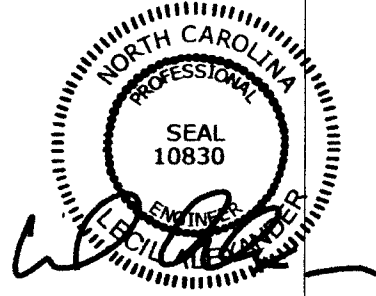
**REACTIONS.** (lb/size) P=1148/0-3-8, K=1105/0-3-8  
 Max Horz P=175(LC 4)  
 Max Uplift P=-65(LC 5), K=-44(LC 6)

**FORCES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
 TOP CHORD B-C=-1430/42, C-D=-984/97, D-E=-120/257, G-H=-109/265, H-I=-980/99, I-J=-1415/45,  
 E-F=-25/373, F-G=-25/373, B-P=-1300/38, J-K=-1240/38  
 BOT CHORD N-O=-54/988, M-N=-58/990, L-M=-55/982  
 WEBS C-O=0/584, I-L=0/571, D-Q=-1172/76, Q-R=-1151/75, R-S=-1151/75, H-S=-1170/74,  
 B-O=-74/885, J-L=-78/811

This repair has been prepared based on information and use conditions supplied by client. Designer has made a good faith effort to outline damage and repair conditions as reported by client. When actual field conditions do not approximate those indicated on this drawing, client shall immediately inform the engineer and refrain from applying the repair.

**REPAIR ON ALL A02A TRUSSES TO REDUCE THE ROOM WIDTH BECAUSE OF OVER SPACING**

**SCAB A 2 X 6 #2 SPF ON BOTH FACES OF EACH TRUSS FROM THE ROOF DECK TO THE SHEETROCK. ATTACH WITH SIX 10D NAILS EQUALLY SPACED IN THE TOP AND BOTTOM CHORDS.**



This truss is to be fabricated per ANSI/TPI quality requirements. Plates shall be of size and type shown and centered at joints unless otherwise noted. This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFP company. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, delivery, erection and bracing available from SBCA and Truss Plate Institute.

7/15/16

