

ADDRESS : 40 BLUE JAY CT SUBDIV: OAKMONT PH1 SECT2 25LOTS
 CONTRACTOR : GML DEVELOPMENT INC PHONE : (919) 793-5237
 OWNER : OAKMONT DEV PTNRS LLC PHONE :
 PARCEL : 03-0507- - -0046- -45-
 APPL NUMBER: 13-50030595 CP NEW RESIDENTIAL (SFD)
 DIRECTIONS : T/S: 02/08/2013 08:28 AM JBROCK ----
 NC 27 W LEFT ON DOCS RD LEFT ON
 EXECUTIVE WAY LOT 40

STRUCTURE: 000 000 41X59 4BDR MONO W/ GARAGE & PORCH
 FLOOD ZONE : FLOOD ZONE X
 # BEDROOMS : 4000000.00 PROPOSED USE : SFD
 SEPTIC - EXISTING? : NEW WATER SUPPLY : COUNTY

PERMIT: CPSF 00 CP * SFD

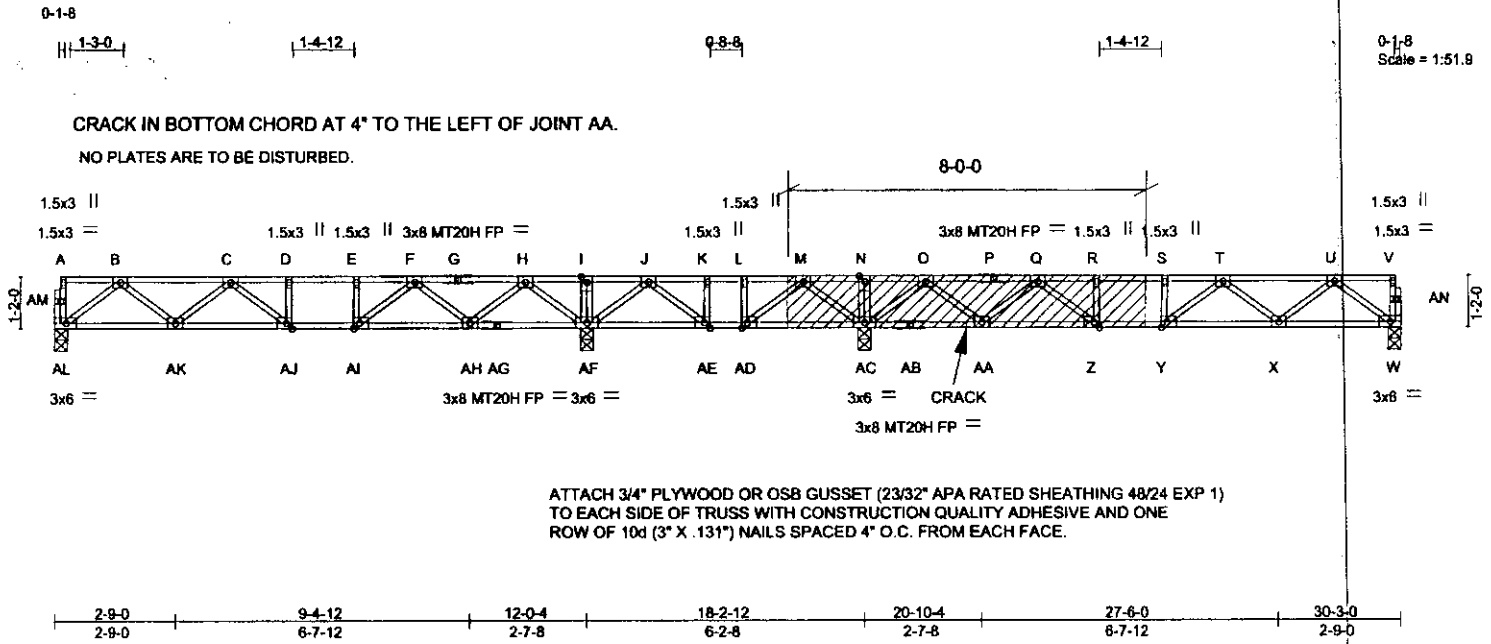
| TYP/SQ | REQUESTED COMPLETED | INSP RESULT | DESCRIPTION RESULTS/COMMENTS |
|---------|--------------------------|--------------------|---|
| A814 01 | 4/25/13 4/26/13 | TW AP | ADDRESS CONFIRMATION TIME: 17:00 VRU #: 002372282 40 blue jay ct lot 40 lillington 27546-- T/S: 04/26/2013 09:40 AM TWARD ----- |
| P309 01 | 4/25/13 4/25/13 | MR AP | R*PLUMB UNDER SLAB TIME: 17:00 VRU #: 002372290 T/S: 04/25/2013 01:54 PM MREARIC ----- |
| B114 01 | 4/29/13 4/29/13 | MR CA | R*BLDG MONO SLAB/TEMP SVC POLE VRU #: 002373793 T/S: 04/29/2013 02:53 PM MREARIC ----- not readt |
| B114 02 | 4/30/13 4/30/13 | MR AP | R*BLDG MONO SLAB/TEMP SVC POLE TIME: 17:00 VRU #: 002374643 customer thinks it got canceled but - no notes or sign off in hte - he ask to have it put back on T/S: 04/30/2013 12:48 PM MREARIC ----- |
| B104 01 | 5/29/13 5/29/13 | JB AP | R*FOUND & SETBACK VERIF SURVEY TIME: 17:00 VRU #: 002388767 T/S: 05/29/2013 10:22 AM JBROCK ----- |
| R425 01 | 5/30/13 5/31/13 | DT DA | FOUR TRADE ROUGH IN TIME: 17:00 VRU #: 002388775 T/S: 05/31/2013 07:38 AM DETAYLOR ----- Install bathroom windows Fire caulk hole next to low voltage by stairs Block between trusses in playroom office Okay to side and insulate |
| I129 01 | 6/03/13 <u>6/3/13</u> | TI <u>DA DT</u> | R*INSULATION INSPECTION VRU #: 002390318 |
| R425 02 | 6/03/13 <u>6/3/13</u> | TI <u>DA DT</u> | FOUR TRADE ROUGH IN VRU #: 002390300 |

COMMENTS AND NOTES

| | | | | | | | |
|--------|--------------|---------------------|----------|----------|---------------------------------|-----------|-----------|
| 433881 | Truss F09 | Truss Type FLOOR | Qty 6 | Ply 1 | McKee/Beaufort/L-32/PatriotPark | 1 UNIT YF | 119711603 |
|--------|--------------|---------------------|----------|----------|---------------------------------|-----------|-----------|

Builders FirstSource, Sumter, SC

7.250 s Aug 25 2011 MiTek Industries, Inc. Tue Oct 23 08:55:43 2012 Page 1
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ATTACH 3/4" PLYWOOD OR OSB GUSSET (23/32" APA RATED SHEATHING 48/24 EXP 1)
TO EACH SIDE OF TRUSS WITH CONSTRUCTION QUALITY ADHESIVE AND ONE
ROW OF 10d (3" X .131") NAILS SPACED 4" O.C. FROM EACH FACE.

Plate Offsets (X,Y): [Y:0-1-8,Edge], [Z:0-1-8,Edge], [AD:0-1-8,Edge], [AE:0-1-8,Edge], [AI:0-1-8,Edge], [AJ:0-1-8,Edge]

| LOADING (psf) | SPACING | CSI | DEFL | in (loc) | l/defl | L/d | PLATES | GRIP |
|---------------|-------------------------------|----------|----------------|----------|--------|-----|----------------|-----------------|
| TCLL 40.0 | 2-0-0 Plates Increase 1.00 | TC 0.49 | Vert(LL) -0.07 | X-Y | >999 | 480 | MT20 | 244/190 |
| TCDL 10.0 | Lumber Increase 1.00 | BC 0.61 | Vert(TL) -0.12 | X-Y | >999 | 360 | MT20H | 187/143 |
| BCLL 0.0 | Rep Stress Incr YES | WB 0.36 | Horz(TL) 0.03 | W | n/a | n/a | | |
| BCDL 5.0 | Code IRC2009/TPI2007 | (Matrix) | | | | | | |
| | | | | | | | Weight: 154 lb | FT = 20%F, 11%E |

LUMBER
TOP CHORD 4 X 2 SP No.2
BOT CHORD 4 X 2 SP No.2
WEBS 4 X 2 SP No.3

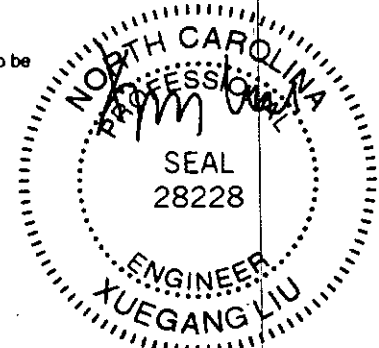
BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purtins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS All bearings 0-3-8.
(lb) - Max Grav All reactions 250 lb or less at joint(s) except AL=570(LC 4), AF=1167(LC 2), W=570(LC 4), AC=1167(LC 3)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD B-C=1063/0, C-D=1399/0, D-E=1399/0, E-F=1399/0, F-G=550/0, G-H=550/0, H-I=0/960, I-J=0/960, J-K=153/746, K-L=153/746, L-M=153/746, M-N=0/960, N-O=0/960, O-P=550/0, P-Q=550/0, Q-R=1400/0, R-S=1400/0, S-T=1400/0, T-U=1063/0
BOT CHORD AK-AL=0/696, AJ-AK=0/1379, AI-AJ=0/1399, AH-AI=0/1073, AE-AF=791/8, AD-AE=746/153, AC-AD=791/8, Z-AA=0/1073, Y-Z=0/1400, X-Y=0/1379, W-X=0/696
WEBS B-AL=870/0, H-AF=1113/0, B-AK=0/478, H-AH=0/708, C-AK=411/0, F-AH=698/0, F-AI=0/528, M-AC=572/0, J-AF=572/0, M-AD=5/378, J-AE=5/376, U-W=870/0, O-AC=1113/0, U-X=0/478, O-AA=0/708, T-X=411/0, Q-AA=698/0, Q-Z=0/528

- NOTES** (7)
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) All plates are MT20 plates unless otherwise indicated.
 - 3) All plates are 3x4 MT20 unless otherwise indicated.
 - 4) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
 - 5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
 - 6) CAUTION, Do not erect truss backwards.
 - 7) This manufactured truss is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

LOAD CASE(S) Standard



October 23, 2012

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the fabricator. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information - available from Truss Plate Institute, 281 N. Lee Street, Suite 312, Alexandria, VA 22314.
If Southern Pine (SP or SPP) lumber is specified, the design values are those effective 06/01/2012 by ALSC or proposed by SPIB.

ENGINEERING BY
TRENCO
A MiTek Affiliate
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Edenton, NC 27932