

# CITY OF NAPOLEON GENERAL PERMIT APPLICATION

THIS APPLICATION IS FOR RESIDENTAL CONSTRUCTION INCLUDING BUILDING, ELECTRICAL,  
PLUMBING, MECHANICAL & REMODELING

DATE 11/11/16 JOB LOCATION 508 Avon Place  
 OWNER Darian Grant TELEPHONE # 419-966-2307  
 OWNER ADDRESS 508 Avon Napoleon, OH  
 CONTRACTOR N/A CELL PHONE # \_\_\_\_\_  
 DESCRIPTION OF WORK TO BE PERFORMED Build Garage

ESTIMATED COMPLETION DATE July 2017 ESTIMATED COST \$10,000

Affected Floor Area (AFA): In existing structures, it is the area affected by the improvement, i.e. a new wall dividing a room (the AFA would be only the room and not all the rooms).

DESCRIPTION	FEE	TOTAL COST
<b>BUILDING:</b>		
<i>Decks</i>	\$25.00	\$
<i>Addition &amp; Alterations</i> Square foot in (AFA) _____ x \$0.05 = \$ _____ +	\$25.00 =	\$
<i>Garage and Shed over 200 SF (Detached)</i>	\$25.00	\$ <u>25</u>
<i>Siding and/or Roofing</i>	\$25.00	\$
<i>Windows/Doors</i>	\$25.00	\$
<b>ELECTRICAL:</b>		
<i>Electrical</i> Circuits in (AFA) _____ x \$3.00/Circuit = \$ _____ +	\$25.00 =	\$
<i>Electrical Service Upgrade</i>	\$25.00	\$
<b>MECHANICAL:</b>		
<i>Water Heater</i>	\$25.00	\$
<i>Furnace and/or AC Replacement</i>	\$25.00	\$
<b>PLUMBING:</b>		
<i>Plumbing</i> Traps in (AFA) _____ x \$3.00/Trap = \$ _____ +	\$25.00 =	\$

**TOTAL plus Ohio Board of Building Standards Fee 1%** \$ 25

**TOTAL FEE:** \$ 25<sup>25</sup>

P-16-0331

**I FULLY UNDERSTAND THAT NO EXCAVATION, CONSTRUCTION OR STRUCTURAL ALTERATION, ELECTRICAL OR MECHANICAL INSTALLATION OR ALTERATION OF ANY BUILDING STRUCTURE, SIGN, OR PART THEREOF AND NO USE OF THE ABOVE SHALL BE UNDERTAKEN OR PERFORMED UNTIL THE PERMIT APPLIED FOR HEREIN HAS BEEN APPROVED AND ISSUED BY THE CITY OF NAPOLEON BUILDING/ZONING DEPARTMENT.**

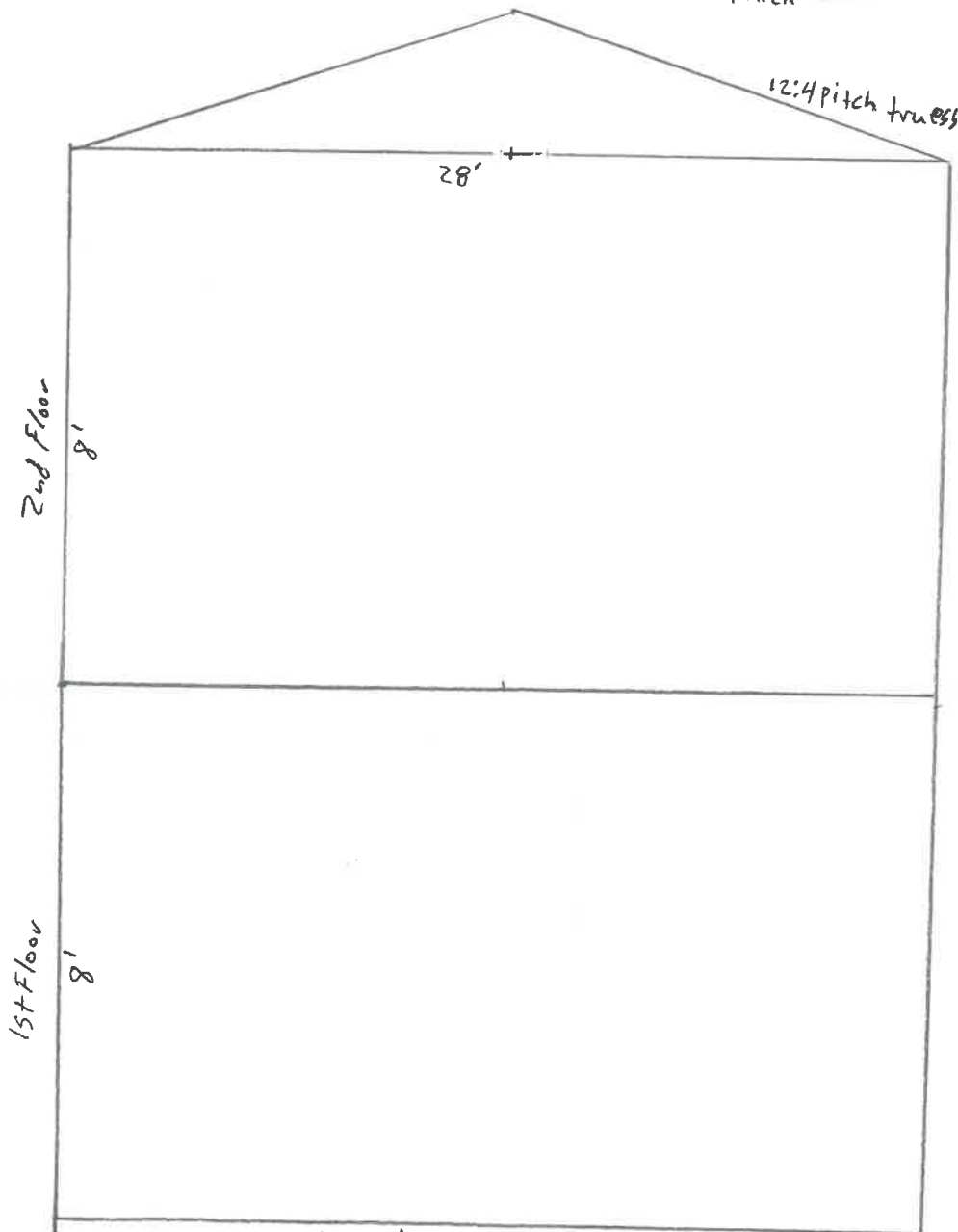
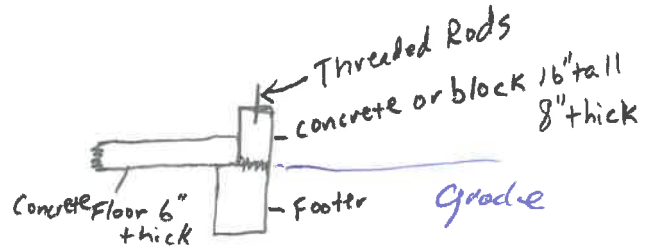
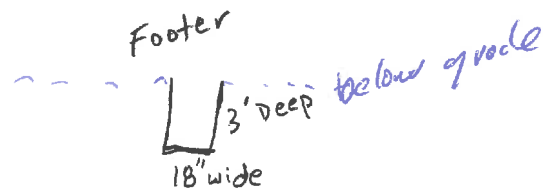
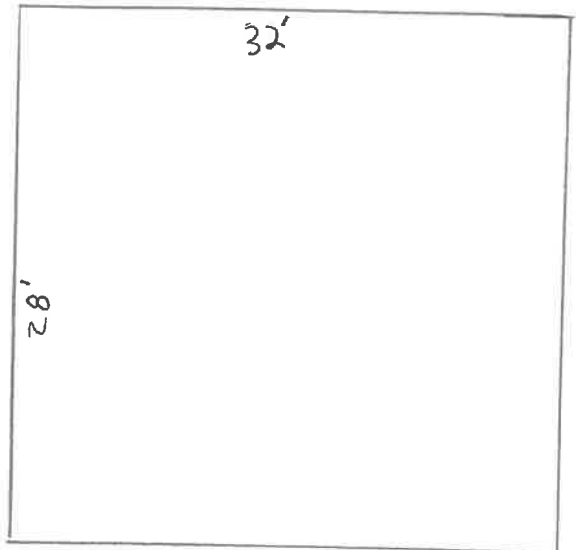
*I hereby certify that I am the Owner of the named property, or that the proposed work is authorized by the Owner of record and that I have been authorized by the Owner to make this application as his/her authorized agent and I agree to conform to all applicable laws of the jurisdiction. In addition, if a permit for Work described in this application is issued, I certify that the code official or the code official's authorized representative shall have the authority to enter areas covered by such permit at any reasonable hour to enforce the provisions of the code(s) applicable to such permit.*

**I HEREBY ACKNOWLEDGE THAT I HAVE READ AND FULLY UNDERSTAND THE ABOVE LISTED INSTRUCTIONS.**

SIGNATURE OF APPLICANT: Darian Grant DATE: 11/11/16

PRINT NAME: \_\_\_\_\_

PERMIT # \_\_\_\_\_ BATCH # 35567 CHECK # CASH DATE 11-11-16



2'x6" walls x 8' 16" on center

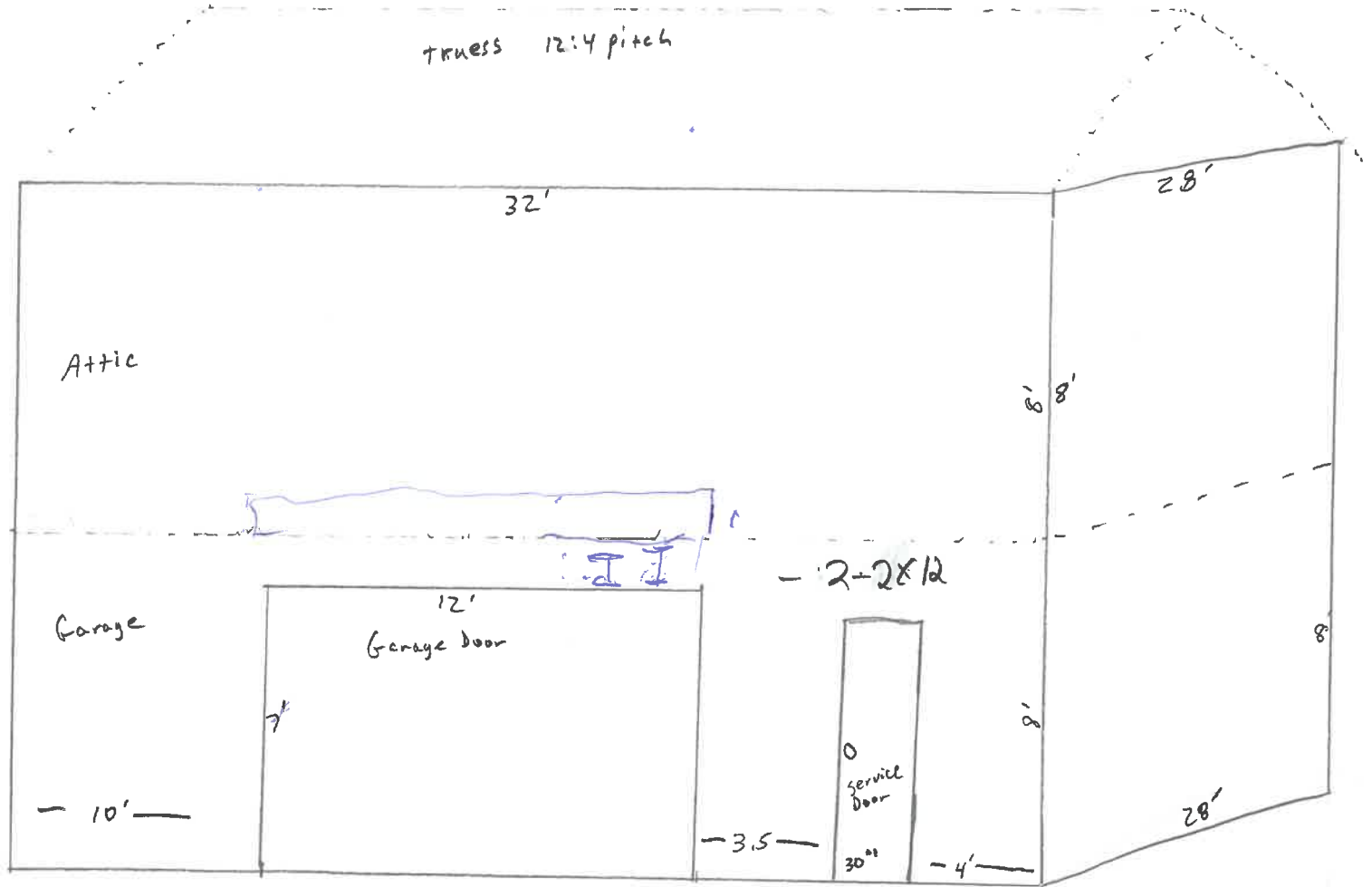
treated on concrete wall then untreated on top of that.

Framed w/ 2"x6" + 16" center



Not to Scale

Truss 12:4 pitch



# Plat of Survey

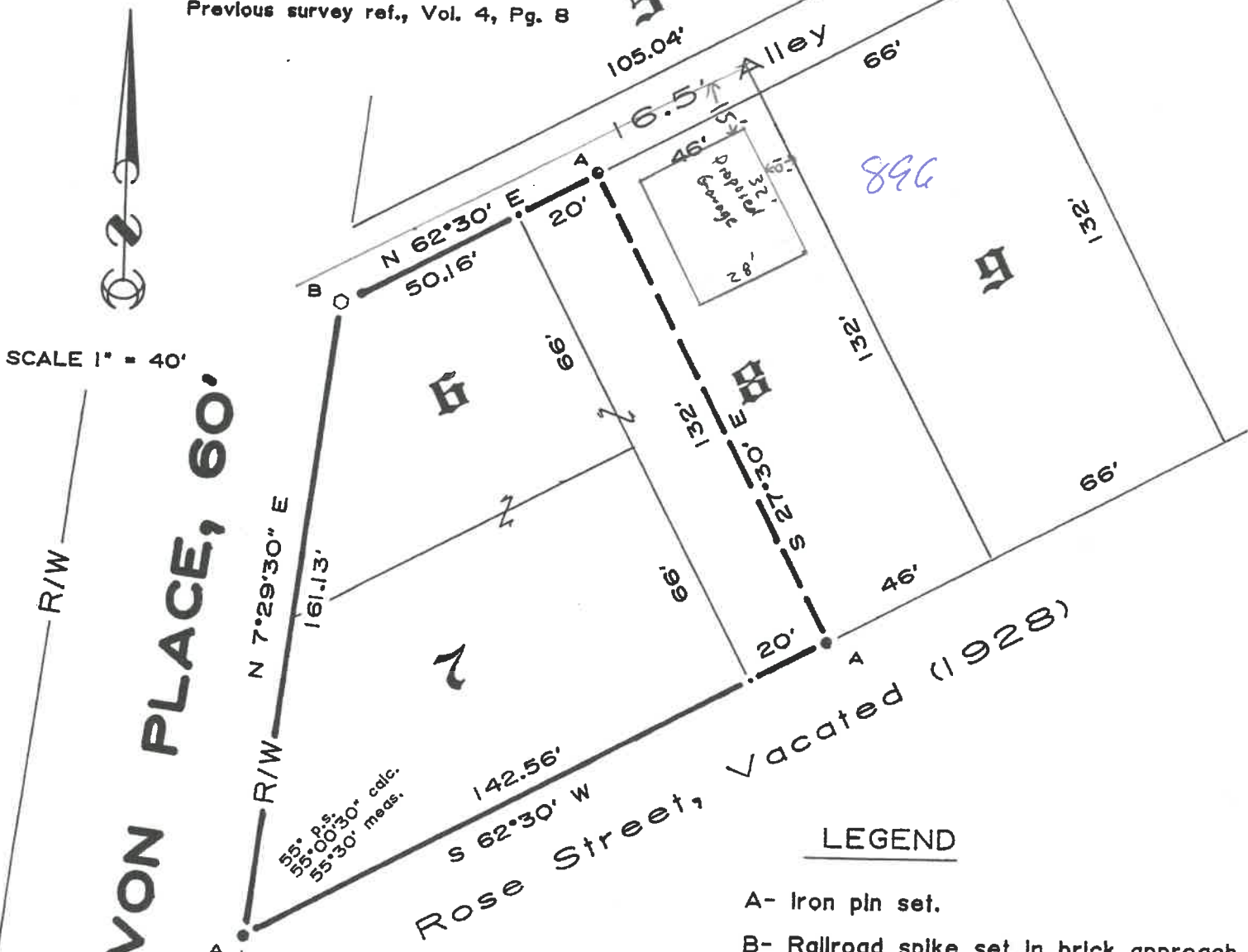
For: John M. Ritter & Rosemary Ritter

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Being Lot No's. 6, 7 & a strip of land 20 feet in width off of the West end of Lot No. 8 in D.C. Stafford's First Addition to the City of Napoleon, Henry County, Ohio.

Deed ref., Vol. 199, Pg. 1039

Previous survey ref., Vol. 4, Pg. 8



### LEGEND

- A- Iron pin set.
- B- Railroad spike set in brick approach to public alley.

I hereby certify this survey and notes to be correct to the best of my knowledge.

*Paul J. Westhoven*

Paul J. Westhoven  
 Registered Surveyor No. 5602  
 January 19, 1989  
 Survey No. 3791-H-CN-1-26-89





JOB: QTRC0392648 | Truss: C11128 | Truss Type: GABLE | Qty: 1 | Pk: 1 | 11/5120733

Midwest Manufacturing, Eau Claire, WI | ID: AKUJLneY0e4F2sOLt0yMx6-wfE0y57hUGaWPHYyMUSTngHAR7cAs4EBa5y3044 | Job Reference (optional): 7,529 s, May 1, 2014, MTak Industries, Inc. Wed Dec 31 14:36:18 2014, Page 2

- NOTES-**
- 2) Wind: ASCE 7-10; Vult=115mph (3-second gust) WIRC2012=91mph; TC DL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (envelope) gable and zone and C-C Exterior(2) zone; cantilever, left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
  - 3) Truss designed for wind forces in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANS/ITP 1.
  - 4) TOLL: ASCE 7-10; Pr=42.0 psf (roof live load); Lumber DOL=1.15 Plate DOL=1.15 Fully Exp.; Ct=1.1
  - 5) Roof design snow load has been reduced to account for slope.
  - 6) Unbalanced snow loads have been considered for this design.
  - 7) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 41.6 psf on overhangs non-concurrent with other live loads.
  - 8) All plates are 1.5x4 MT20 unless otherwise indicated.
  - 9) Gable requires continuous bottom chord bearing.
  - 10) Gable studs spaced at 2'-0" oc.
  - 11) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
  - 12) \* This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3'-6" tall by 2'-0" wide will fit between the bottom chord and any other members.
  - 13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 14, 2, 22, 23, 24, 25, 26, 20, 19, 18, 17, 16.
  - 14) This truss is designed in accordance with the 2012 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANS/ITP 1.

**LOAD CASE(S)** Standard

JOB: QTRC0392648 Truss Type: FINK City: My Job Reference / (optional): 115120715

Midwest Manufacturing, Eau Claire, WI 7-7-0 6:5-0 7-7-0 14-0-0 6:5-0 20-5-0 28-0-0 30-0-0  
 2-0-0 0-0-0 7-7-0 7-7-0 14-0-0 6:5-0 20-5-0 28-0-0 30-0-0  
 4-11-15 5-2-11

Scale = 1/8" = 1'-0"

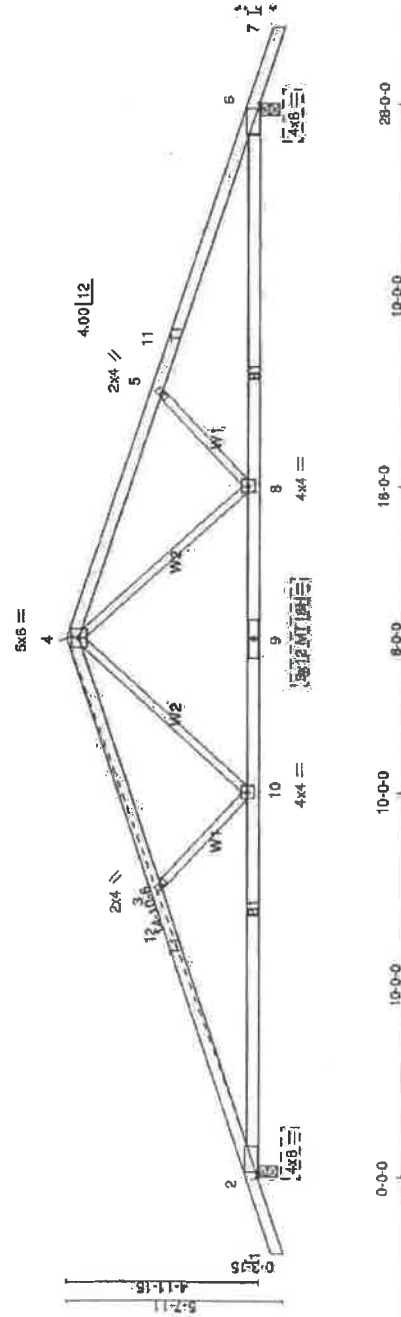


PLATE OFFSETS (X,Y,Z)	SPACING	CSL	DEFL.	in (loc)	L/d	PLATES	GRIP
LOADING (psf)	Plates Increase 2-0-0	TC 0.98	Vert(LL)	-0.31	8	MT20	197/144
TCLL (roof)	Lumber Increase 1.15	BC 0.93	Vert(TL)	-0.77	6-8	MT184	197/144
Snow (Ps/Pg) 41.8/60.0	Rep Stress Incr YES	WB 0.70	Horz(TL)	-0.17	2	n/a	n/a
TCOL 10.0	Code IRC2012/TP12007	(Matrix)					
BCLL 0.0							
BCOL 10.0							

**BRACING:**  
 TOP CHORD Structural wood sheathing directly applied.  
 BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.  
 MITek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

**REACTIONS.** (b/size) 6=1928/0-3-8 (min. 0-3-1), 2=1928/0-3-8 (min. 0-3-1)  
 Max Horz 6=70(LC 19)  
 Max Uplift 6=170(LC 11), 2=170(LC 10)  
 Max Grav 6=1941(LC 2), 2=1941(LC 2)

**FORCES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
 TOP CHORD 4-5=3459/356, 5-11=3834/425, 6-11=4059/407, 2-12=4059/407,  
 3-12=3834/425, 3-4=3459/356  
 BOT CHORD 2-10=313/3734, 9-10=153/2551, 8-9=153/2551, 6-8=313/3734  
 WEBS 5-8=982/193, 4-8=351/160, 4-10=351/160, 3-10=982/193

**JOINT STRESS INDEX**  
 2 = 0.75, 3 = 0.47, 4 = 0.93, 5 = 0.47, 6 = 0.75, 8 = 0.79, 9 = 0.53 and 10 = 0.79

**NOTES:**  
 1) Unbalanced roof live loads have been considered for this design.  
 2) Wind: ASCE 7-10; Vult=115mph (3-second gust) V(IRC2012)=91mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; and vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60  
 3) TOLL: ASCE 7-10; P=42.0 psf (roof live load); Lumber DOL=1.15 Plate DOL=1.15; Pg=60.0 psf (ground snow); Ps=41.6 psf (roof snow); Lumber DOL=1.15 Plate DOL=1.15; Category II; Exp B; Fully Exp.; Ct=1.1  
 Continued on page 2

JOB ID: 115120715

Job Reference (optional):

7,520 s May 12014 MITGk Industries, Inc; Mon Jun 05 14:23:42 2015 Page 2

ID: s8WFRtu\_FaqtWNVgFhu6g2p0x-12GPvrfck8LRNKKQIEDw877xv408VPC\_IV\_BgizyNg

City: 1 My: 1

Truss Type: FINK

Midwest Manufacturing, Eau Claire, WI

Job Reference (optional):

7,520 s May 12014 MITGk Industries, Inc; Mon Jun 05 14:23:42 2015 Page 2

ID: s8WFRtu\_FaqtWNVgFhu6g2p0x-12GPvrfck8LRNKKQIEDw877xv408VPC\_IV\_BgizyNg

**NOTES-**

- 4) Roof design snow load has been reduced to account for slope.
- 5) Unbalanced snow loads have been considered for this design.
- 6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 41.6 psf on overhangs non-concurrent with other live loads.
- 7) All plates are MT20 plates unless otherwise indicated.
- 8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 9) This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 170 lb uplift at joint 6 and 170 lb uplift at joint 2.
- 11) This truss is designed in accordance with the 2012 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANS/PTI 1.

LOAD CASE(S) Standard



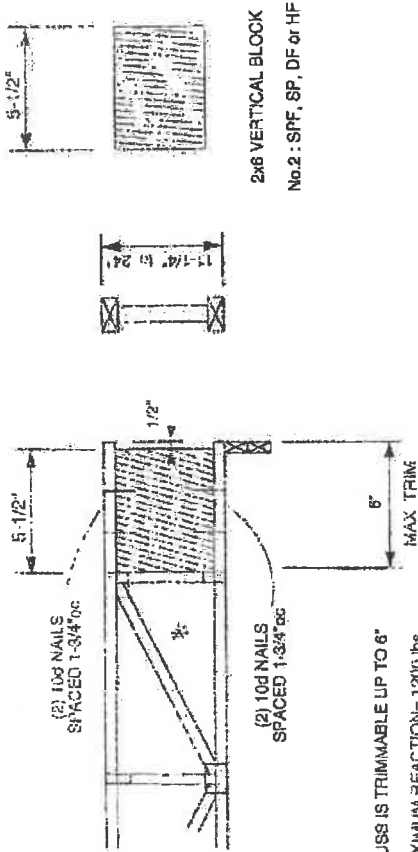






MITek USA, Inc.

SEE THE MITek TRUSS DESIGN  
REFERENCING THIS DETAIL  
FOR ADDITIONAL DESIGN INFORMATION



TRUSS IS TRIMMABLE UP TO 6"  
MAXIMUM REACTION= 1200 lbs  
MINIMUM BEARING SIZE IS 1-3/4"

\* LAST DIAGONAL WEB MUST BE RAN UP TO THE TOP CHORD AS SHOWN