CITY OF NAPOLEON GENERAL PERMIT APPLICATION

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

IC-0290 Building

DATE 10-5-16 **JOB LOCATION** 1095 Clairmont

OWNER Jim Gerken **TELEPHONE #** cell 467-3195 419-~~592~~-

OWNER ADDRESS 1095 Clairmont Office 419 758-3861

CONTRACTOR Vernon Wachtman Builder **CELL PHONE #** Vonys cell 419-579-0300

DESCRIPTION OF WORK TO BE PERFORMED Construct a 2 car addition to south side of existing garage

ESTIMATED COMPLETION DATE 12-20-16 **ESTIMATED COST** $30,000.00

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
BUILDING:					
Decks				$25.00	$
Addition & Alterations	Square foot in (AFA) 860	x $0.05 = $ 43.00	+	$25.00 =	$ 68.00
Garage and Shed over 200 SF (Detached)				$25.00	$
Siding and/or Roofing				$25.00	$
Windows/Doors				$25.00	$
ELECTRICAL:					
Electrical	Circuits in (AFA) 3	x $3.00/Circuit = $ 9.00	+	$25.00 =	$ 34.00
Electrical Service Upgrade				$25.00	$
MECHANICAL:					
Water Heater				$25.00	$
Furnace and/or AC Replacement				$25.00	$
PLUMBING:					
Plumbing	Traps in (AFA)	x $3.00/Trap = $	+	$25.00 =	$
		TOTAL plus *Ohio Board of Building Standards Fee 1%*			$ 1.04
				TOTAL FEE:	$ 105.04

$71.64 ABBY Electric

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.

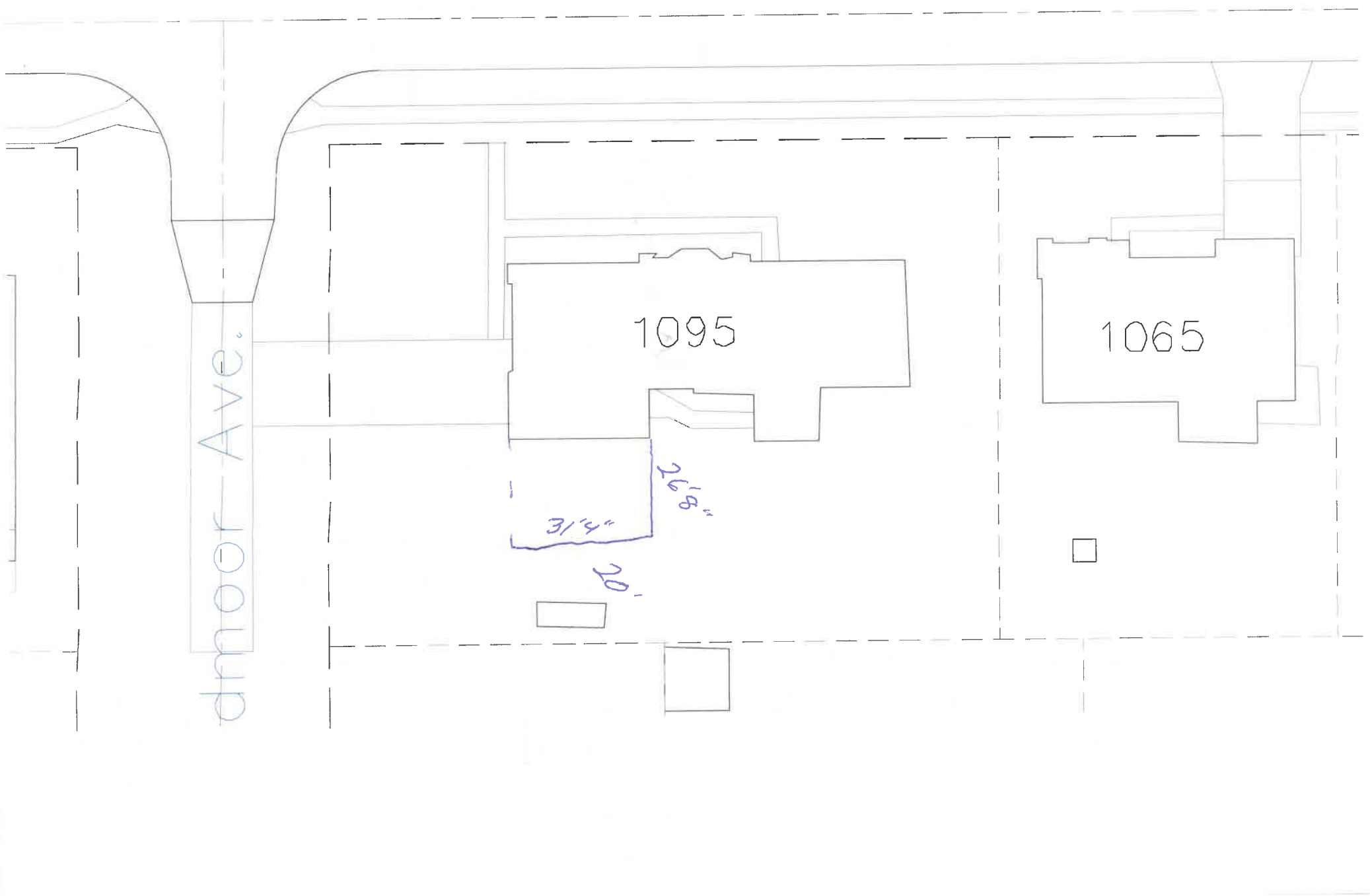
I hereby certify that I am the Owner of the named property, or that the proposed work is authorized by the Owner of record and that I have been authorized by the Owner to make this application as his/her authorized agent and I agree to conform to all applicable laws of the jurisdiction. In addition, 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.

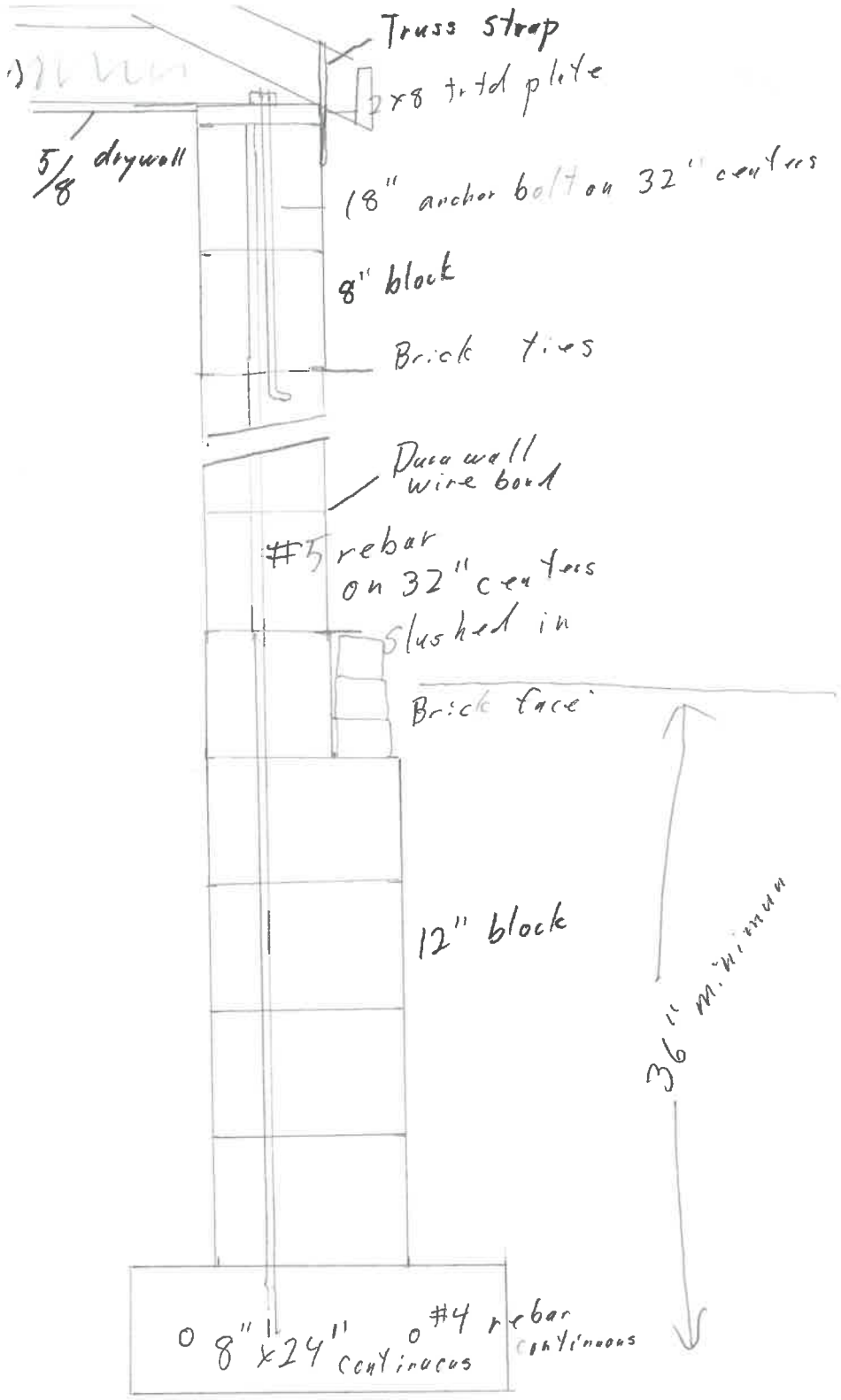
I HEREBY ACKNOWLEDGE THAT I HAVE READ AND FULLY UNDERSTAND THE ABOVE LISTED INSTRUCTIONS.

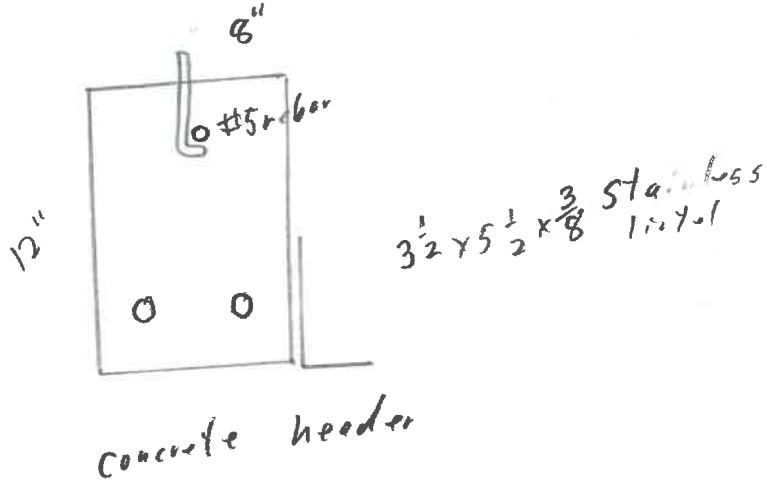
SIGNATURE OF APPLICANT: DATE:

PRINT NAME:

BATCH # **CHECK #** 22487 **DATE** 10-10-16


dmoor Ave.
1095
1065
26'8"
31'4"
20'





Jim Gerken
1095 Claremont

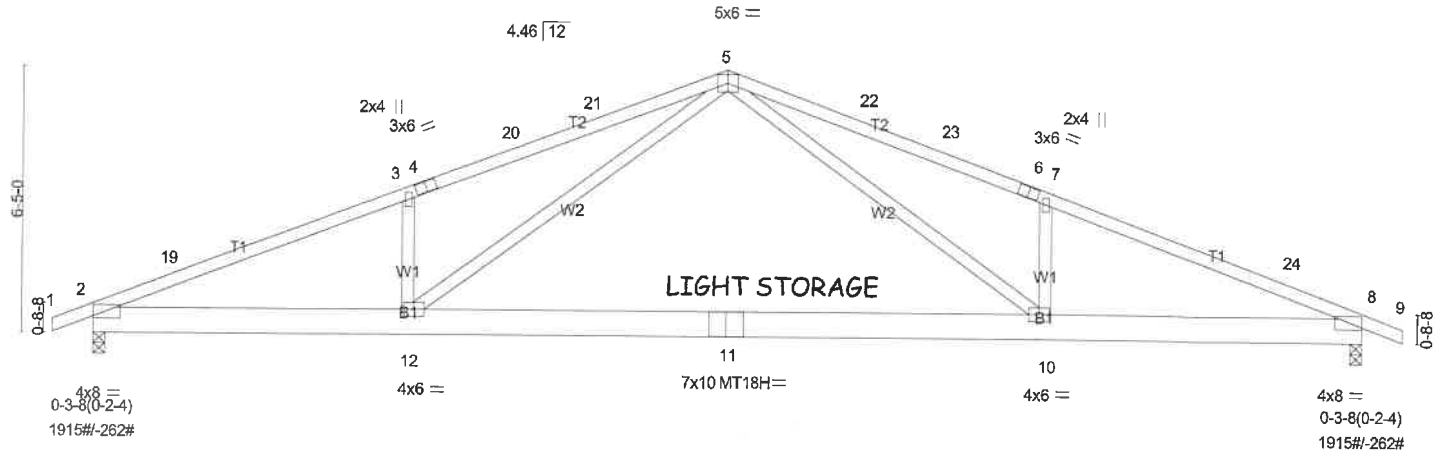
Job	Truss	Truss Type	Qty	Ply	LUGBILL 1611899-05T (KDM)
1611899-05T	A	HOWE	20	1	Job Reference (optional)

Stark Truss Company, Inc., Edgerton, OH

7.640 s Oct 7 2015 MiTek Industries, Inc. Fri Oct 14 16:34:42 2016 Page 1
ID:PPD1N6OJcQcv5Zt5RzAMw?yTScZ-xqvEe87CIs_I7orQPICIof6ew9uwnSdSUQl3w0yTSWR

1-0-0	7-8-0	15-4-8	23-1-0	30-9-0	31-9-0
1-0-0	7-8-0	7-8-8	7-8-8	7-8-0	1-0-0

Scale = 1:53.4



7-8-0	23-1-0	30-9-0
7-8-0	15-5-0	7-8-0

LOADING (psf)

TCLL (roof)	25.0
Snow (Pf/Pg)	19.3/25.0
TCDL	10.0
BCLL	15.0
BCDL	10.0

SPACING-	2-0-0
Plate Grip DOL	1.15
Lumber DOL	1.15
Rep Stress Incr	YES
Code	IBC2009/TPI2007

CSI.	
TC	0.93
BC	0.73
WB	0.30
(Matrix-M)	

DEFL.	in	(loc)	l/defl	L/d
Vert(LL)	-0.47	10-12	>790	360
Vert(TL)	-0.87	10-12	>426	240
Horz(TL)	0.07	8	n/a	n/a

PLATES	**GRIP**
MT20	197/144
MT18H	244/190

Weight: 174 lb FT = 14%

LUMBER-
TOP CHORD 2x4 SP 2400F 2.0E
BOT CHORD 2x8 SP No.1
WEBS 2x4 SPF 1650F 1.5E

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 2=1915/0-3-8 (min. 0-2-4), 8=1915/0-3-8 (min. 0-2-4)
Max Horz 2=85(LC 10)
Max Uplift2=-262(LC 10), 8=-262(LC 11)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-19=-4042/372, 3-19=-3887/398, 3-4=-4050/499, 4-20=-4040/502, 20-21=-3953/517, 5-21=-3937/531, 5-22=-3937/531, 22-23=-3953/517, 6-23=-4040/502, 6-7=-4050/499, 7-24=-3887/399, 8-24=-4042/372
BOT CHORD 2-12=-363/3706, 11-12=-192/2264, 10-11=-192/2264, 8-10=-278/3706
WEBS 5-10=-217/1872, 7-10=-541/289, 5-12=-217/1872, 3-12=-541/289

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 90mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-14, Interior(1) 2-0-14 to 15-4-8, Exterior(2) 15-4-8 to 18-5-6 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) TCLL: ASCE 7-05; Pr=25.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=25.0 psf (ground snow); Pf=19.3 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.1
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 19.3 psf on overhangs non-concurrent with other live loads.
6) All plates are MT20 plates unless otherwise indicated.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=262, 8=262.
9) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.

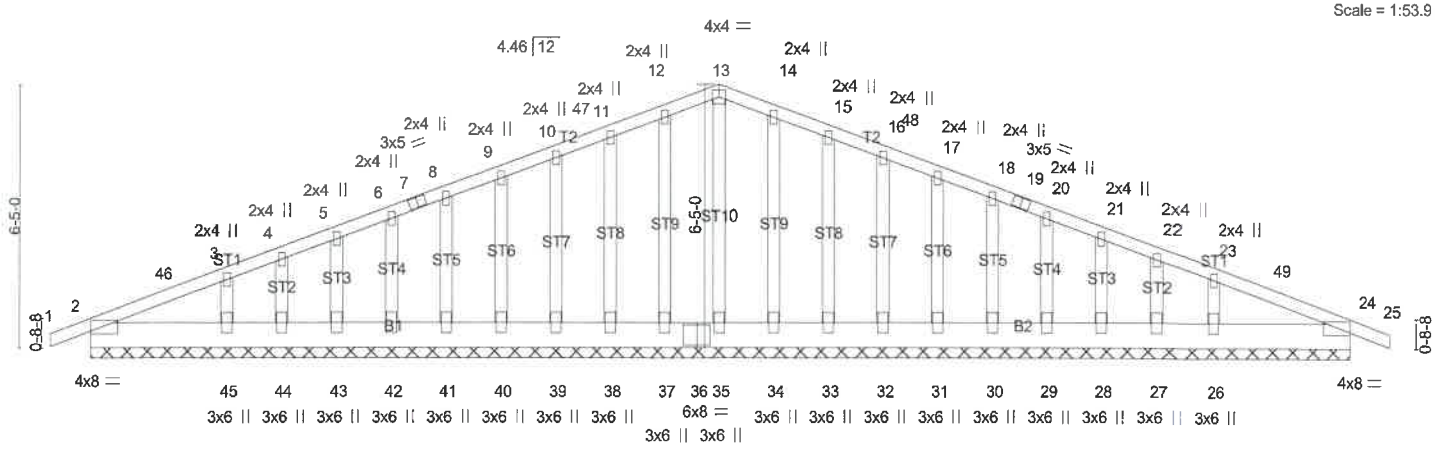
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	LUGBILL 1611899-05T (KDM)
1611899-05T	AGE	GABLE	1	1	Job Reference (optional)

Stark Truss Company, Inc., Edgerton, OH — 7.640 s Oct 7 2015 MiTek Industries, Inc. Fri Oct 14 16:34:43 2016 Page 1
ID:PPD1N6OJcQcv5Zt5RzAMw?yTScZ-P0TcsU8q3A69lyQdz0jXLte1EZP2Wylbi4VdSSyTSWQ

-1-0-0 / 1-0-0 — 15-4-8 / 15-4-8 — 30-9-0 / 15-4-8 — 31-9-0 / 1-0-0

Scale = 1:53.9



30-9-0
30-9-0

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	25.0	Plate Grip DOL	1.15	TC	0.06	Vert(LL)	0.00	24	n/r	180	MT20	197/144
Snow (Pf/Pg)	19.3/25.0	Lumber DOL	1.15	BC	0.03	Vert(TL)	0.00	24	n/r	90		
TCDL	10.0	Rep Stress Incr	YES	WB	0.06	Horz(TL)	0.00	24	n/a	n/a		
BCLL	15.0	Code IBC2009/TPI2007		(Matrix)							Weight: 216 lb	FT = 14%
BCDL	10.0											

LUMBER-
TOP CHORD 2x4 SP 2400F 2.0E
BOT CHORD 2x8 SP No.1
OTHERS 2x4 SPF No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. All bearings 30-9-0.
(lb) - Max Horz 2=80(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 37, 38, 39, 40, 41, 42, 43, 44, 45, 34, 33, 32, 31, 30, 29, 28, 27, 26, 24
Max Grav All reactions 250 lb or less at joint(s) 35, 37, 38, 39, 40, 41, 42, 43, 44, 34, 33, 32, 31, 30, 29, 28, 27 except 2=252(LC 1), 45=398(LC 15), 26=398(LC 16), 24=252(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-05; 90mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-14, Interior(1) 2-0-14 to 15-4-8, Exterior(2) 15-4-8 to 18-5-6 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 loads 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 ANSI/TPI 1.
4) TCLL: ASCE 7-05; Pr=25.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=25.0 psf (ground snow); Pf=19.3 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.1
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 2.00 times flat roof load of 19.3 psf on overhangs non-concurrent with other live loads.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 1-4-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 37, 38, 39, 40, 41, 42, 43, 44, 45, 34, 33, 32, 31, 30, 29, 28, 27, 26, 24.
11) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
12) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.

LOAD CASE(S) Standard