# DELIVERY

LONGLEAF TRUSS CO.

| | | | |
|---|---|---|---|
| REQ. QUOTE DATE | / / | ORDER # | T19-02085 |
| ORDER DATE | 02/26/19 | QUOTE # | T19-02085 |
| DELIVERY DATE | 03/18/19 | CUSTOMER ACCT # | 000001130 |
| DATE OF INVOICE | / / | CUSTOMER PO # | COLLINS |
| ORDERED BY | ROBBIE | INVOICE # | |
| | | TERMS | 1% 10 DAYS, NET |
| SUPERINTENDENT | ROBBIE | SALES REP | TELEPHONE |
| JOBSITE PHONE # | | SALES AREA | MS - Marty Shaw |

SOLD TO
J.E. WOMBLE AND SONS
PO BOX 580
LILLINGTON, NC 27546
(910) 893-4347

SHIP TO
190 PORCH SWING LN
FUQUAY,

JOB NAME: DONALD COLLINS LOT # SUBDIV:
MODEL: 706-633-3512 TAG: JOB CATEGORY: RESIDENTIAL ROOF

DELIVERY INSTRUCTIONS:

SPECIAL INSTRUCTIONS:

BUILDING DEPARTMENT
ROOF TRUSSES

| OVERHANG INFO | | HEEL HEIGHT | 00-04-03 | REQ. LAYOUTS | | | | REQ. ENGINEERING | | | | | BY | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| END CUT | RETURN | | | | | JOBSITE | 1 | MAIL | 1 | JOBSITE | 1 | QUOTE | TAW | 02/20/19 |
| PLUMB | | GABLE STUDS | 0 IN. OC | | | | | | | | | LAYOUT | | / / |
| | | | | | | | | | | | | CUTTING | TAW | 03/04/19 |

## *ROOF TRUSSES*

LOADING INFORMATION

| TCLL-TCDL-BCLL-BCDL | STRESS INCR. |
|---|---|
| 20.0,10.0,0.0,10.0 | 1.15 |

ROOF TRUSS SPACING: 24.0 IN. O.C. (TYP.)

| PROFILE | QTY | PITCH | | TYPE | BASE | O/A | LUMBER | | OVERHANG | | CANTILEVER | | HEEL | | HEIGHT | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | PLY | TOP | BOT | ID | SPAN | SPAN | TOP | BOT | LEFT | RIGHT | LEFT | RIGHT | LEFT | RIGHT | | |
|  | 11 | 4.00 | 0.00 | FINK T01 | 24-00-00 | 24-00-00 | 2 X 4 | 2 X 4 | 01-02-08 | 01-02-08 | | | 00-03-15 | 00-03-15 | 04-08-08 | **101** |
|  | 1 | 4.00 | 0.00 | GABLE T01SG | 24-00-00 | 24-00-00 | 2 X 4 | 2 X 4 | 01-02-08 | 01-02-08 | | | 00-03-15 | 00-03-15 | 04-08-08 | **122** |
|  | 1 | 4.00 | 0.00 | GABLE T01G | 24-00-00 | 24-00-00 | 2 X 4 | 2 X 4 | 01-02-08 | 01-02-08 | | | 00-03-15 | 00-03-15 | 04-08-08 | **104** |

Total QTY 13.00

**TOTAL TRUSSES: 13**
**TOTAL ITEMS: 0**
**TOTAL WEIGHT: 1,339**

THE ABOVE LISTED ITEMS HAVE BEEN RECEIVED IN GOOD CONDITION. (EXCEPTIONS NOTED)

RECEIVED BY: _____

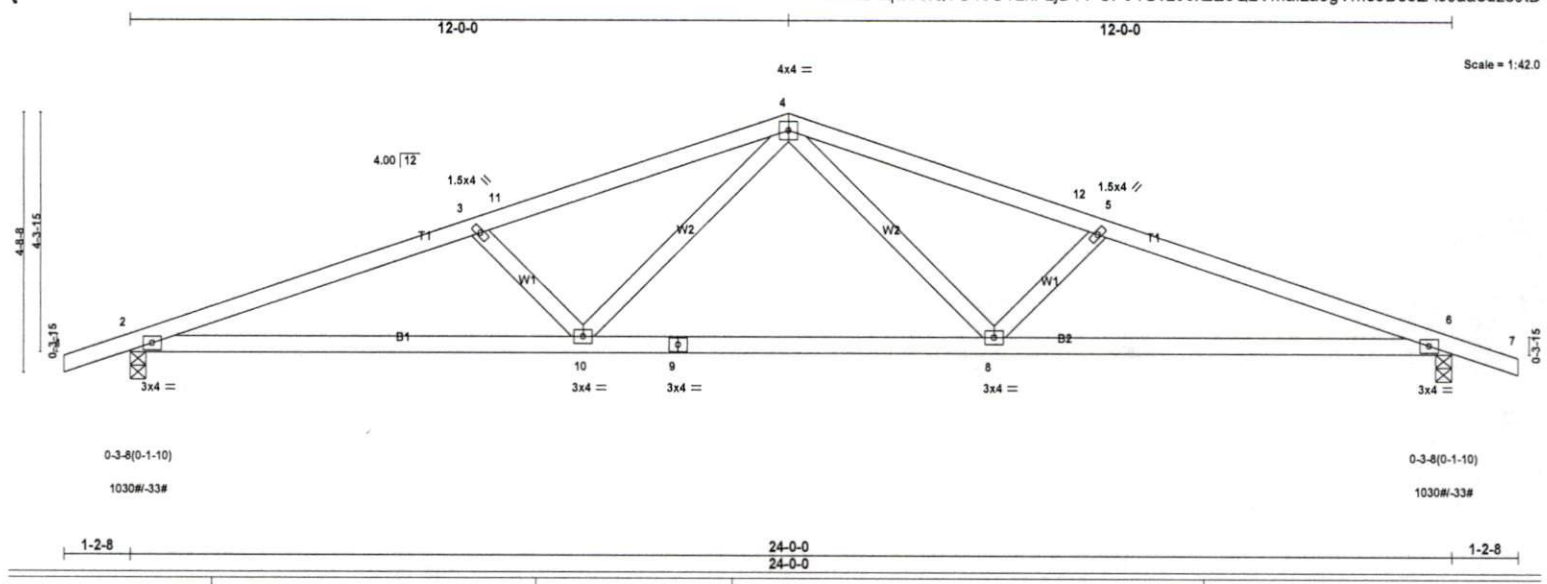
DATE: _____

**THANK YOU FOR YOUR BUSINESS.**

| Job | Truss | Truss Type | Qty | Ply | DONALD COLLINS |
|---|---|---|---|---|---|
| T19-02085 | T01 | FINK | 11 | 1 | Job Reference (optional) |

Longleaf Truss Company, West End, N.C.

Run: 8.240 s Jan 22 2019 Print: 8.240 s Jan 22 2019 MiTek Industries, Inc. Mon Mar 4 12:04:48 2019 Page 1
ID:zFN9mBdqwY8iQYG4cGVzkPzjD1Y-CP94Gvz99xzEoQ2VmafzaogVmc6Ds3zA3JaaedzeJtD




| LOADING (psf) | | SPACING- | 2-0-0 | CSI. | | DEFL. | in | (loc) | l/defl | L/d | PLATES | GRIP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TCLL | 20.0 | Plate Grip DOL | 1.15 | TC | 0.40 | Vert(LL) | -0.13 | 6-8 | >999 | 240 | MT20 | 244/190 |
| TCDL | 10.0 | Lumber DOL | 1.15 | BC | 0.59 | Vert(CT) | -0.30 | 6-8 | >961 | 180 | | |
| BCLL | 0.0 * | Rep Stress Incr | YES | WB | 0.26 | Horz(CT) | 0.06 | 6 | n/a | n/a | | |
| BCDL | 10.0 | Code IRC2018/TPI2014 | | Matrix-S | | | | | | | Weight: 101 lb | FT = 20% |

**LUMBER-**
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.3

**BRACING-**
TOP CHORD Sheathed or 3-8-7 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.** (size) 2=0-3-8 (min. 0-1-10), 6=0-3-8 (min. 0-1-10)
Max Horz 2=49(LC 11)
Max Uplift2=-33(LC 12), 6=-33(LC 12)
Max Grav2=1030(LC 2), 6=1030(LC 2)

**FORCES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2251/29, 3-4=-1971/13, 4-5=-1971/13, 5-6=-2251/29
BOT CHORD 2-10=0/2078, 8-10=0/1393, 6-8=0/2078
WEBS 3-10=-403/93, 4-10=0/632, 4-8=0/632, 5-8=-403/93

**JOINT STRESS INDEX**
2 = -nan(ind), 3 = -nan(ind), 4 = -nan(ind), 5 = -nan(ind), 6 = -nan(ind), 8 = -nan(ind), 9 = -nan(ind) and 10 = -nan(ind)

**NOTES-**
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=12ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=15.0 psf; Pf=11.6 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
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 1.00 times flat roof load of 11.6 psf on overhangs non-concurrent with other live loads.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * 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.
8) All bearings are assumed to be User Defined crushing capacity of 425 psi.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 33 lb uplift at joint 2 and 33 lb uplift at joint 6.
10) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

**LOAD CASE(S)** Standard

| Job | Truss | Truss Type | Qty | Ply | DONALD COLLINS |
|---|---|---|---|---|---|
| T19-02085 | T01SG | GABLE | 1 | 1 | Job Reference (optional) |

Longleaf Truss Company, West End, N.C.

Run: 8.240 s Jan 22 2019 Print: 8.240 s Jan 22 2019 MiTek Industries, Inc. Mon Mar 4 12:04:49 2019 Page 1
ID:zFN9mBdqwY8iQYG4cGVzkPzjD1Y-gbjSUF_nwF55QadhKHAD70DgW?SSbWDJlzJ7A3zeJtC

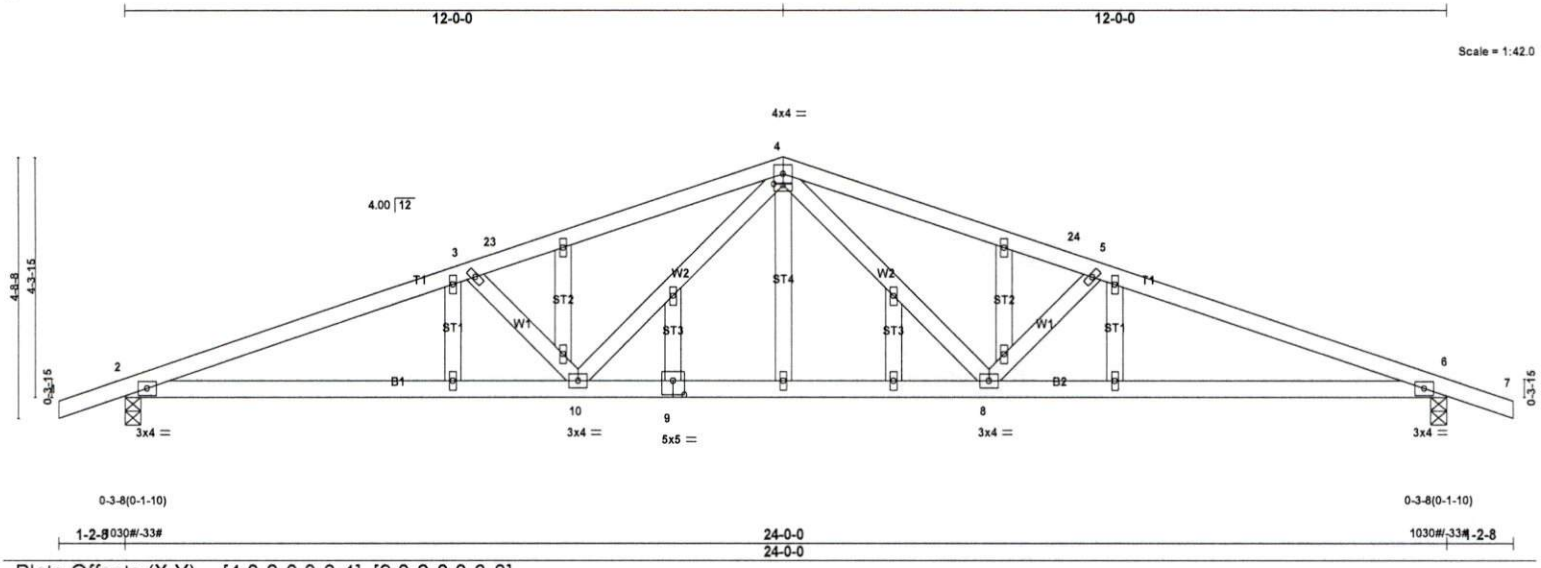



Plate Offsets (X,Y)-- [4:0-2-0,0-0-4], [9:0-2-8,0-3-0]

| LOADING (psf) | | SPACING- | 2-0-0 | CSI. | | DEFL. | in | (loc) | l/defl | L/d | PLATES | GRIP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TCLL | 20.0 | Plate Grip DOL | 1.15 | TC | 0.40 | Vert(LL) | -0.13 | 6-8 | >999 | 240 | MT20 | 244/190 |
| TCDL | 10.0 | Lumber DOL | 1.15 | BC | 0.59 | Vert(CT) | -0.30 | 6-8 | >961 | 180 | | |
| BCLL | 0.0 * | Rep Stress Incr | YES | WB | 0.26 | Horz(CT) | 0.06 | 6 | n/a | n/a | | |
| BCDL | 10.0 | Code IRC2018/TPI2014 | | Matrix-S | | | | | | | Weight: 123 lb | FT = 20% |

**LUMBER-**
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.3
OTHERS 2x4 SP No.3

**BRACING-**
TOP CHORD Sheathed or 3-8-7 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.** (size) 2=0-3-8 (min. 0-1-10), 6=0-3-8 (min. 0-1-10)
Max Horz 2=49(LC 11)
Max Uplift2=-33(LC 12), 6=-33(LC 12)
Max Grav2=1030(LC 2), 6=1030(LC 2)

**FORCES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2251/29, 3-4=-1971/13, 4-5=-1971/13, 5-6=-2251/29
BOT CHORD 2-10=0/2078, 8-10=0/1393, 6-8=0/2078
WEBS 3-10=-403/93, 4-10=0/632, 4-8=0/632, 5-8=-403/93

**JOINT STRESS INDEX**
2 = -nan(ind), 3 = -nan(ind), 4 = -nan(ind), 4 = -nan(ind), 5 = -nan(ind), 6 = -nan(ind), 8 = -nan(ind), 9 = -nan(ind), 10 = -nan(ind), 11 = -nan(ind), 12 = -nan(ind), 13 = -nan(ind), 14 = -nan(ind), 15 = -nan(ind), 16 = -nan(ind), 17 = -nan(ind), 18 = -nan(ind), 19 = -nan(ind), 20 = -nan(ind), 21 = -nan(ind) and 22 = -nan(ind)

**NOTES-**
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=12ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; 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 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=15.0 psf; Pf=11.6 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
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 11.6 psf on overhangs non-concurrent with other live loads.
7) All plates are 1.5x4 MT20 unless otherwise indicated.
8) Gable studs spaced at 2-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * 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.
11) All bearings are assumed to be User Defined crushing capacity of 425 psi.

Continued on page 2

**NOTES-**

12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 33 lb uplift at joint 2 and 33 lb uplift at joint 6.
13) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

**LOAD CASE(S)** Standard

| Job | Truss | Truss Type | Qty | Ply | DONALD COLLINS |
|---|---|---|---|---|---|
| T19-02085 | T01G | GABLE | 1 | 1 | Job Reference (optional) |

Longleaf Truss Company, West End, N.C.

Run: 8.240 s Jan 22 2019 Print: 8.240 s Jan 22 2019 MiTek Industries, Inc. Mon Mar 4 12:04:50 2019 Page 1
ID:zFN9mBdqwY8iQYG4cGVzkPzjD1Y-8nHqhb?PgYDy2jCtu?hSgDmsaPucK0MSWd3giWzeJtB

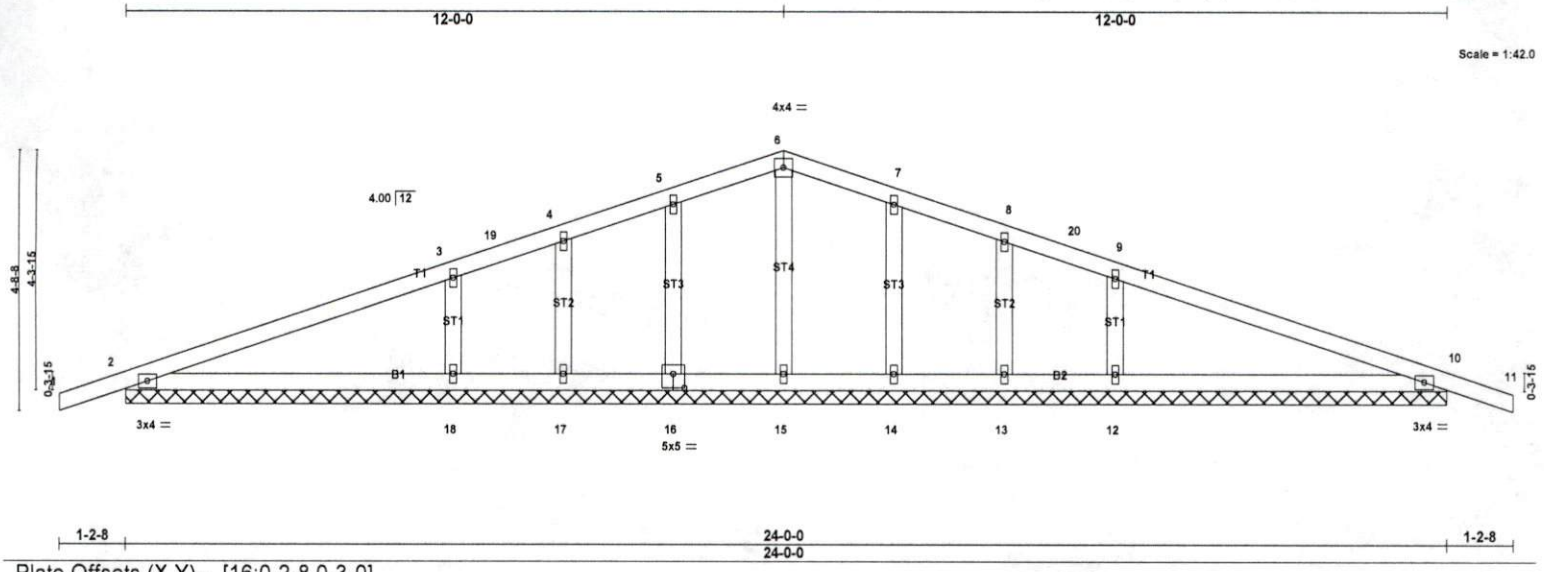



Plate Offsets (X,Y)-- [16:0-2-8,0-3-0]

| LOADING (psf) | | SPACING- | 2-0-0 | CSI. | | DEFL. | in | (loc) | l/defl | L/d | PLATES | GRIP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TCLL | 20.0 | Plate Grip DOL | 1.15 | TC | 0.32 | Vert(LL) | 0.02 | 11 | n/r | 120 | MT20 | 244/190 |
| TCDL | 10.0 | Lumber DOL | 1.15 | BC | 0.21 | Vert(CT) | 0.04 | 11 | n/r | 120 | | |
| BCLL | 0.0 * | Rep Stress Incr | YES | WB | 0.08 | Horz(CT) | 0.00 | 10 | n/a | n/a | | |
| BCDL | 10.0 | Code IRC2018/TPI2014 | | Matrix-S | | | | | | | Weight: 105 lb | FT = 20% |

**LUMBER-**
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.3

**BRACING-**
TOP CHORD Sheathed 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 24-0-0.
(lb) - Max Horz 2=49(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 10, 16, 17, 18, 14, 13, 12
Max Grav All reactions 250 lb or less at joint(s) 15, 16, 17, 14, 13 except 2=277(LC 2), 10=277(LC 2), 18=507(LC 30), 12=507(LC 31)

**FORCES.** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-18=-358/75, 9-12=-358/75

**JOINT STRESS INDEX**
2 = -nan(ind), 3 = -nan(ind), 4 = -nan(ind), 5 = -nan(ind), 6 = -nan(ind), 7 = -nan(ind), 8 = -nan(ind), 9 = -nan(ind), 10 = -nan(ind), 12 = -nan(ind), 13 = -nan(ind), 14 = -nan(ind), 15 = -nan(ind), 16 = -nan(ind), 17 = -nan(ind) and 18 = -nan(ind)

**NOTES-**
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=12ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp B; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; 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 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=15.0 psf; Pf=11.6 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
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 11.6 psf on overhangs non-concurrent with other live loads.
7) All plates are 1.5x4 MT20 unless otherwise indicated.
8) Gable requires continuous bottom chord bearing.
9) Gable studs spaced at 2-0-0 oc.
10) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
11) * 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.
12) All bearings are assumed to be User Defined crushing capacity of 425 psi.
13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 10, 16, 17, 18, 14, 13, 12.

Continued on page 2

| Job | Truss | Truss Type | Qty | Ply | DONALD COLLINS |
|---|---|---|---|---|---|
| T19-02085 | T01G | GABLE | 1 | 1 | Job Reference (optional) |



**NOTES-**

14) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

**LOAD CASE(S)** Standard