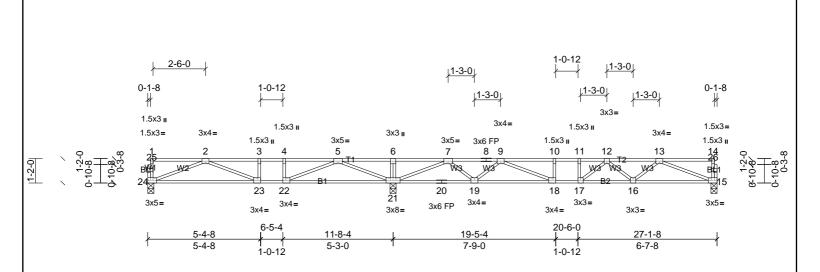
| Job | Truss | Truss Type | Qty | Ply | HH HUNT\GRAYSON FRMH A - F2 |
|----------|-------|------------|-----|-----|-----------------------------|
| 72423190 | FT200 | Truss | 2 | 1 | Job Reference (optional) |

Run: 8.73 S Jan 4 2024 Print: 8.730 S Jan 4 2024 MiTek Industries, Inc. Wed Jul 31 15:34:41 Page: 1 ID:ZSfc63uCRv5DITMMFhbN8lzgEeP-MLSOCYMUn_57Zpm4eWIRl02EQr0zzcrn3BXbjkysWWi



Scale = 1:55.2

| Plate Offsets (X, Y): | ate Offsets (X, Y): [15:0-2-0,Edge], [18:0-1-8,Edge], [22:0-1-8,Edge], [23:0-1-8,Edge], [24:0-2-0,Edge] | | | | | | | | | | | |
|-----------------------|---|-----------------|-----------------|-----------|------|----------|-------|-------|--------|-----|----------------|-----------------|
| Loading | (psf) | Spacing | 1-7-3 | CSI | | DEFL | in | (loc) | l/defl | L/d | PLATES | GRIP |
| TCLL | 40.0 | Plate Grip DOL | 1.00 | TC | 0.72 | Vert(LL) | -0.13 | 18 | >999 | 360 | MT20 | 244/190 |
| TCDL | 10.0 | Lumber DOL | 1.00 | BC | 0.59 | Vert(CT) | -0.19 | 23-24 | >728 | 240 | | |
| BCLL | 0.0 | Rep Stress Incr | YES | WB | 0.48 | Horz(CT) | 0.03 | 15 | n/a | n/a | | |
| BCDL | 5.0 | Code | IRC2015/TPI2014 | Matrix-SH | | | | | | | Weight: 133 lb | FT = 20%F, 12%E |

LUMBER **BRACING**

TOP CHORD 2x4 SP No.2(flat) TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end 2x4 SP No.2(flat) BOT CHORD BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

2x4 SP No.3(flat) WEBS **OTHERS** 2x4 SP No.3(flat)

REACTIONS (lb/size) 15=560/0-3-8, (min. 0-1-8), 21=1436/0-3-8, (min. 0-1-8), 24=359/0-3-8,

> Max Grav 15=583 (LC 4), 21=1436 (LC 1), 24=434 (LC 3)

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

TOP CHORD $2-3=-1044/227,\ 3-4=-1044/227,\ 4-5=-1044/227,\ 5-6=0/1524,\ 6-7=0/1524,\ 7-8=-914/67,\ 8-9=-914/67,\ 9-10=-1874/0,\ 10-11=-1874/0,\ 11-12=-1874/0,\ 12-13=-1533/0$

BOT CHORD 23 - 24 = -21/850, 22 - 23 = -227/1044, 21 - 22 = -714/427, 20 - 21 = -259/394, 19 - 20 = -259/394, 18 - 19 = 0/1399, 17 - 18 = 0/1874, 16 - 17 = 0/1800, 15 - 16 = 0/1230, 18 - 19 = 0/1394, 18 - 19 = 0/1399, 17 - 18 = 0/1874, 16 - 17 = 0/1800, 15 - 16 = 0/1230, 18 - 19 = 0/1399, 17 - 18 = 0/1874, 16 - 17 = 0/1800, 15 - 16 = 0/1230, 18 - 19 = 0/1399, 17 - 18 = 0/1399, $5-21=-1405/0,\ 2-24=-910/24,\ 5-22=0/919,\ 4-22=-273/0,\ 7-21=-1755/0,\ 13-15=-1318/0,\ 7-19=0/716,\ 13-16=0/395,\ 9-19=-673/0,\ 12-16=-347/0,\ 9-18=0/672$ WEBS

NOTES

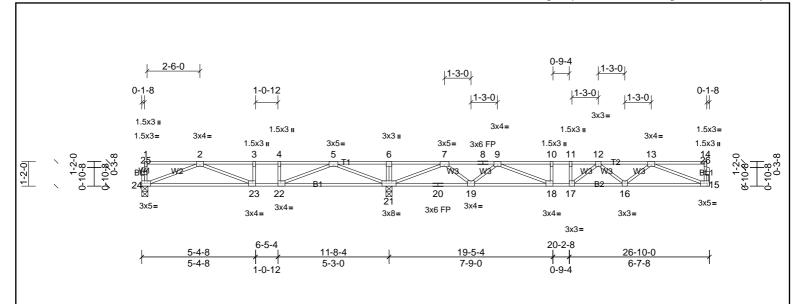
- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are 1.5x3 MT20 unless otherwise indicated.
- 3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/ TPI 1
- 4) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 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. CAUTION, Do not erect truss backwards.
- 5)





| Job | Truss | Truss Type | Qty | Ply | HH HUNT\GRAYSON FRMH A - F2 |
|----------|-------|------------|-----|-----|-----------------------------|
| 72423190 | FT201 | Truss | 8 | 1 | Job Reference (optional) |

Run: 8.73 S Jan 4 2024 Print: 8.730 S Jan 4 2024 MiTek Industries, Inc. Wed Jul 31 15:34:42 Page: 1



Scale = 1:54.7

| Plate Offsets (X, Y): | ate Offsets (X, Y): [15:0-2-0,Edge], [18:0-1-8,Edge], [22:0-1-8,Edge], [23:0-1-8,Edge], [24:0-2-0,Edge] | | | | | | | | | | | |
|-----------------------|---|-----------------|-----------------|-----------|------|----------|-------|-------|--------|-----|----------------|-----------------|
| Loading | (psf) | Spacing | 1-7-3 | CSI | | DEFL | in | (loc) | l/defl | L/d | PLATES | GRIP |
| TCLL | 40.0 | Plate Grip DOL | 1.00 | TC | 0.71 | Vert(LL) | -0.12 | 18-19 | >999 | 360 | MT20 | 244/190 |
| TCDL | 10.0 | Lumber DOL | 1.00 | BC | 0.51 | Vert(CT) | -0.19 | 23-24 | >734 | 240 | | |
| BCLL | 0.0 | Rep Stress Incr | YES | WB | 0.47 | Horz(CT) | 0.03 | 15 | n/a | n/a | | |
| BCDL | 5.0 | Code | IRC2015/TPI2014 | Matrix-SH | | | | | | | Weight: 132 lb | FT = 20%F, 12%E |

LUMBER BRACING

TOP CHORD 2x4 SP No.2(flat) TOP CHORD 2x4 SP No.2(flat) **BOT CHORD**

BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. 2x4 SP No.3(flat) WEBS

OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 15=547/ Mechanical, (min. 0-1-8), 21=1419/0-3-8, (min. 0-1-8), 24=363/0-3-8, (min. 0-1-8)

Max Grav 15=572 (LC 4), 21=1419 (LC 1), 24=434 (LC 3)

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

TOP CHORD

BOT CHORD 23 - 24 = -11/851, 22 - 23 = -203/1044, 21 - 22 = -678/427, 20 - 21 = -265/405, 19 - 20 = -265/405, 18 - 19 = 0/1375, 17 - 18 = 0/1810, 16 - 17 = 0/1746, 15 - 16 = 0/1201, 18 - 10/12WEBS

 $5-21=-1396/0,\ 2-24=-910/12,\ 5-22=0/908,\ 4-22=-270/0,\ 7-21=-1720/0,\ 13-15=-1287/0,\ 7-19=0/696,\ 13-16=0/377,\ 9-19=-652/0,\ 12-16=-331/0,\ 9-18=0/628$

NOTES

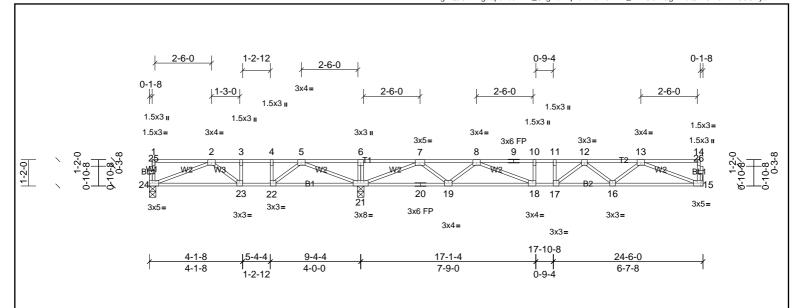
- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are 1.5x3 MT20 unless otherwise indicated.
- 3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/ TPI 1
- 4) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 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. CAUTION, Do not erect truss backwards.
- 5)





| Job | Truss | Truss Type | Qty | Ply | HH HUNT\GRAYSON FRMH A - F2 |
|----------|-------|------------|-----|-----|-----------------------------|
| 72423190 | FT202 | Truss | 2 | 1 | Job Reference (optional) |

Run: 8.73 S Jan 4 2024 Print: 8.730 S Jan 4 2024 MiTek Industries, Inc. Wed Jul 31 15:34:43 Page: 1



Scale = 1:51.2

| Plate Offsets (X, Y): | late Offsets (X, Y): [15:0-2-0,Edge], [18:0-1-8,Edge], [24:0-2-0,Edge] | | | | | | | | | | | |
|-----------------------|--|-----------------|-----------------|-----------|------|----------|-------|-------|--------|-----|----------------|-----------------|
| Loading | (psf) | Spacing | 1-7-3 | CSI | | DEFL | in | (loc) | l/defl | L/d | PLATES | GRIP |
| TCLL | 40.0 | Plate Grip DOL | 1.00 | TC | 0.68 | Vert(LL) | -0.12 | 18-19 | >999 | 360 | MT20 | 244/190 |
| TCDL | 10.0 | Lumber DOL | 1.00 | BC | 0.51 | Vert(CT) | -0.16 | 18-19 | >999 | 240 | | |
| BCLL | 0.0 | Rep Stress Incr | YES | WB | 0.46 | Horz(CT) | 0.03 | 15 | n/a | n/a | | |
| BCDL | 5.0 | Code | IRC2015/TPI2014 | Matrix-SH | | | | | | | Weight: 122 lb | FT = 20%F, 12%E |

LUMBER **BRACING**

TOP CHORD 2x4 SP No.2(flat) TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end BOT CHORD 2x4 SP No.2(flat)

BOT CHORD

Rigid ceiling directly applied or 6-0-0 oc bracing. 2x4 SP No.3(flat) WEBS **OTHERS** 2x4 SP No.3(flat)

REACTIONS 15=562/ Mechanical, (min. 0-1-8), 21=1315/0-3-8, (min. 0-1-8), (lb/size) 24=248/0-3-8, (min. 0-1-8)

Max Unlift 24=-23 (LC 4)

15=574 (LC 4), 21=1315 (LC 1), 24=339 (LC 3) (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD $2 - 3 = -614/335, \ 3 - 4 = -614/335, \ 4 - 5 = -614/335, \ 5 - 6 = 0/1297, \ 6 - 7 = 0/1297, \ 7 - 8 = -939/0, \ 8 - 9 = -1829/0, \ 9 - 10 = -1829/0, \ 10 - 11 = -1829/0, \ 11 - 12 = -1829/0, \ 12 - 13 = -1501/0 = -1829/0, \ 10 - 11 = -1$

BOT CHORD 23-24=-137/607, 22-23=-335/614, 21-22=-643/366, 20-21=-83/437, 19-20=-83/437, 18-19=0/1402, 17-18=0/1829, 16-17=0/1759, 15-16=0/1208, 12-12=0/1759, 15-16=0/1208, 12-12=0/1759, 15-16=0/1208, 12-12=0/1759, 15-16=0/1208, 12-12=0/1759, 15-16=0/1208, 12-12=0/1759, 15-16=0/1208, 12-12=0/1759, 15-16=0/1208, 12-12=0/1759, 15-16=0/1208, 12-12=0/17599, 12-12=0/17599, 12-12=0/17599, 12-12=0/17599, 12-12=0/17599, 12-12=0/17599, 12-12=0/17599,

WEBS 5-21=-1149/0, 2-24=-648/148, 5-22=0/605, 2-23=-289/9, 4-22=-293/0, 7-21=-1684/0, 13-15=-1295/0, 7-19=0/677, 13-16=0/382, 8-19=-630/0, 12-16=-336/0, 8-18=0/581

NOTES

FORCES

- Unbalanced floor live loads have been considered for this design.
- All plates are 1.5x3 MT20 unless otherwise indicated. 2)

Max Grav

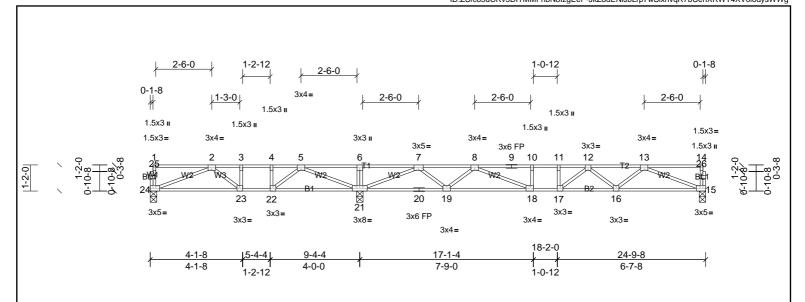
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 23 lb uplift at joint 24.
- 4) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 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. 5)
- 6) CAUTION, Do not erect truss backwards.





| Job | Truss | Truss Type | Qty | Ply | HH HUNT\GRAYSON FRMH A - F2 |
|----------|-------|------------|-----|-----|-----------------------------|
| 72423190 | FT203 | Truss | 2 | 1 | Job Reference (optional) |

Run: 8.73 S Jan 4 2024 Print: 8.730 S Jan 4 2024 MiTek Industries, Inc. Wed Jul 31 15:34:43 Page: 1 ID: ZSfc63uCRv5DITMMFhbN8IzgEeP-JkZ8dENIJbLrp7wSlxnvqR7bUehXRWT4XV0 iodysWWg



Scale = 1:51.7

| Plate Offsets (X, Y): | [15:0-2-0,Ed | lge], [18:0-1-8,Edge], [2 | 4:0-2-0,Edge] | | | | | | | | | |
|-----------------------|--------------|---------------------------|-----------------|-----------|------|----------|-------|-------|--------|-----|----------------|-----------------|
| Loading | (psf) | Spacing | 1-7-3 | CSI | | DEFL | in | (loc) | l/defl | L/d | PLATES | GRIP |
| TCLL | 40.0 | Plate Grip DOL | 1.00 | TC | 0.69 | Vert(LL) | -0.12 | 18 | >999 | 360 | MT20 | 244/190 |
| TCDL | 10.0 | Lumber DOL | 1.00 | BC | 0.58 | Vert(CT) | -0.17 | 18-19 | >999 | 240 | | |
| BCLL | 0.0 | Rep Stress Incr | YES | WB | 0.47 | Horz(CT) | 0.03 | 15 | n/a | n/a | | |
| BCDL | 5.0 | Code | IRC2015/TPI2014 | Matrix-SH | | | | | | | Weight: 122 lb | FT = 20%F, 12%E |

LUMBER **BRACING**

TOP CHORD 2x4 SP No.2(flat) TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end BOT CHORD 2x4 SP No.2(flat)

BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. 2x4 SP No.3(flat) WEBS

OTHERS 2x4 SP No.3(flat) REACTIONS (lb/size) 15=573/0-3-8, (min. 0-1-8), 21=1333/0-3-8, (min. 0-1-8), 24=243/0-3-8,

> Max Unlift 24=-28 (I C 4) Max Grav

15=585 (LC 4), 21=1333 (LC 1), 24=338 (LC 3) (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD $2 - 3 = -610/360, \ 3 - 4 = -610/360, \ 4 - 5 = -610/360, \ 5 - 6 = 0/1339, \ 6 - 7 = 0/1339, \ 7 - 8 = -944/0, \ 8 - 9 = -1892/0, \ 9 - 10 = -1892/0, \ 10 - 11 = -1892/0, \ 11 - 12 = -1892/0, \ 12 - 13 = -1543/0, \ 10 - 12 = -1892/0, \ 10 - 12 = -1892/0, \ 10 - 11 = -1892/0, \ 1$

BOT CHORD 23-24=-151/605, 22-23=-360/610, 21-22=-678/362, 20-21=-82/425, 19-20=-82/425, 18-19=0/1425, 17-18=0/1892, 16-17=0/1813, 15-16=0/1236, 18-19=0/1892, 16-17=0/1813, 15-16=0/1236, 18-19=0/1892, 16-17=0/1813, 15-16=0/1236, 18-19=0/1892, 18-19=

WEBS 5-21=-1162/0, 2-24=-645/163, 5-22=0/618, 2-23=-302/7, 4-22=-299/0, 7-21=-1721/0, 13-15=-1325/0, 7-19=0/698, 13-16=0/399, 8-19=-653/0, 12-16=-351/0, 8-18=0/626,

NOTES

FORCES

- Unbalanced floor live loads have been considered for this design.
- 2) All plates are 1.5x3 MT20 unless otherwise indicated.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 28 lb uplift at joint 24.
- 4) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 5) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 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.

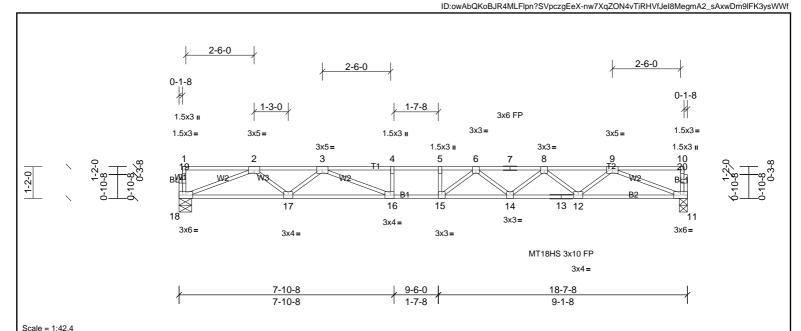




| Job | Truss | Truss Type | Qty | Ply | HH HUNT\GRAYSON FRMH A - F2 |
|----------|-------|------------|-----|-----|-----------------------------|
| 72423190 | FT204 | Truss | 1 | 1 | Job Reference (optional) |

Run: 8.73 S Jan 4 2024 Print: 8.730 S Jan 4 2024 MiTek Industries, Inc. Wed Jul 31 15:34:44

Page: 1



| Plate Offsets (X, Y): | [16:0-1-8,Edge] |
|-----------------------|-----------------|

| , | | | | | | | | | | | | |
|---------|-------|-----------------|-----------------|-----------|------|----------|-------|-------|--------|-----|---------------|-----------------|
| Loading | (psf) | Spacing | 1-7-3 | CSI | | DEFL | in | (loc) | I/defl | L/d | PLATES | GRIP |
| TCLL | 40.0 | Plate Grip DOL | 1.00 | TC | 0.69 | Vert(LL) | -0.31 | 14-15 | >703 | 360 | MT18HS | 244/190 |
| TCDL | 10.0 | Lumber DOL | 1.00 | BC | 0.83 | Vert(CT) | -0.43 | 14-15 | >510 | 240 | MT20 | 244/190 |
| BCLL | 0.0 | Rep Stress Incr | YES | WB | 0.52 | Horz(CT) | 0.07 | 11 | n/a | n/a | | |
| BCDL | 5.0 | Code | IRC2015/TPI2014 | Matrix-SH | | | | | | | Weight: 91 lb | FT = 20%F, 12%E |

LUMBER BRACING

TOP CHORD 2x4 SP No.2(flat) TOP CHORD Structural wood sheathing directly applied or 5-11-12 oc purlins, except end verticals.

WEBS 244 SP No.3(flat) BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 11=803/0-3-8, (min. 0-1-8), 18=803/0-5-8, (min. 0-1-8)

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

TOP CHORD 2-3=-2353/0, 3-4=-3519/0, 4-5=-3519/0, 6-6=-3519/0, 6-7=-3199/0, 7-8=-3199/0, 8-9=-2352/0

BOT CHORD 17-18=0/1779, 16-17=0/2892, 15-16=0/3519, 14-15=0/3470, 13-14=0/2894, 12-13=0/2894, 11-12=0/1778

WEBS 9-11=-1907/0, 2-18=-1908/0, 9-12=0/747, 2-17=0/747, 8-12=-706/0, 3-17=-701/0, 8-14=0/397, 3-16=0/848, 6-14=-353/0, 6-15=-227/407

NOTES

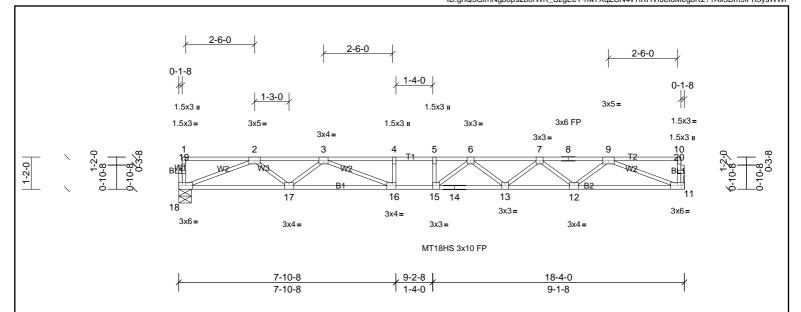
- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are MT20 plates unless otherwise indicated.
- 3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1
- 4) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 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.





| Job | Truss | Truss Type | Qty | Ply | HH HUNT\GRAYSON FRMH A - F2 |
|----------|-------|------------|-----|-----|-----------------------------|
| 72423190 | FT205 | Truss | 3 | 1 | Job Reference (optional) |

Run: 8.73 S Jan 4 2024 Print: 8.730 S Jan 4 2024 MiTek Industries, Inc. Wed Jul 31 15:34:44 Page: 1
ID:ghQ5GirhNgbops2b0rWR_SzgEeT-nw7XqZON4vTiRHVfJel8MegoR2?1Ax3Dm9IFK3ysWWf



Scale = 1:42

| Plate Offsets (X, Y): | [16:0-1-8,Ed | igej | | | | | | | | | | |
|-----------------------|--------------|-----------------|-----------------|-----------|------|----------|-------|-------|--------|-----|---------------|-----------------|
| Loading | (psf) | Spacing | 1-7-3 | CSI | | DEFL | in | (loc) | l/defl | L/d | PLATES | GRIP |
| TCLL | 40.0 | Plate Grip DOL | 1.00 | TC | 0.55 | Vert(LL) | -0.29 | 13-15 | >746 | 360 | MT18HS | 244/190 |
| TCDL | 10.0 | Lumber DOL | 1.00 | BC | 0.76 | Vert(CT) | -0.40 | 13-15 | >541 | 240 | MT20 | 244/190 |
| BCLL | 0.0 | Rep Stress Incr | YES | WB | 0.51 | Horz(CT) | 0.06 | 11 | n/a | n/a | | |
| BCDL | 5.0 | Code | IRC2015/TPI2014 | Matrix-SH | | | | | | | Weight: 90 lb | FT = 20%F, 12%E |

 LUMBER
 BRACING

 TOP CHORD
 2x4 SP No.2(flat)
 TOP CHORD

TOP CHORD 2x4 SP No.2(flat) TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.

WEBS 244 SP No.3(flat) BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 11=791/ Mechanical, (min. 0-1-8), 18=791/0-5-8, (min. 0-1-8)

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

TOP CHORD 2-3=-2307/0, 3-4=-3415/0, 4-5=-3415/0, 6-6=-3415/0, 6-7=-3120/0, 7-8=-2305/0, 8-9=-2305/0

BOT CHORD 17-18=0/1747, 16-17=0/2830, 15-16=0/3415, 14-15=0/3378, 13-14=0/3378, 12-13=0/2831, 11-12=0/1746

WEBS 9-11=-1873/0, 2-18=-1874/0, 9-12=0/727, 2-17=0/729, 7-12=-685/0, 3-17=-681/0, 7-13=0/376, 3-16=0/790, 6-13=-337/0, 6-15=-230/372

NOTES

OTHERS

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are MT20 plates unless otherwise indicated.

2x4 SP No.3(flat)

- 3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1
- 4) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 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.

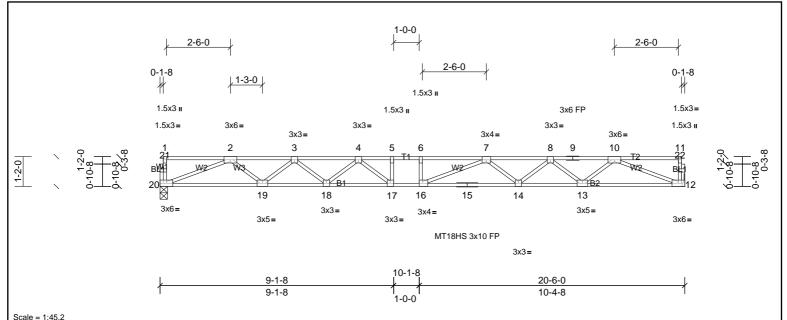






Run: 8.73 S Jan 4 2024 Print: 8.730 S Jan 4 2024 MiTek Industries, Inc. Wed Jul 31 15:34:44

Page: 1 ID: v9x4bylgGDawsdR2Y9NZfmzgEeb-nw7XqZON4vTiRHVfJel8MegkN2zPAwzDm9lFK3ysWWf12PAwzDm9lFW9lPAwzDm9lPAw



| Plate Offsets (X, Y): | [16:0-1-8,Ed | lge] | | | | | | | | | | |
|-----------------------|--------------|-----------------|-----------------|-----------|------|----------|-------|-------|--------|-----|----------------|-----------------|
| Loading | (psf) | Spacing | 1-7-3 | CSI | | DEFL | in | (loc) | l/defl | L/d | PLATES | GRIP |
| TCLL | 40.0 | Plate Grip DOL | 1.00 | TC | 0.81 | Vert(LL) | -0.45 | 14-16 | >544 | 360 | MT18HS | 244/190 |
| TCDL | 10.0 | Lumber DOL | 1.00 | BC | 0.86 | Vert(CT) | -0.62 | 14-16 | >392 | 240 | MT20 | 244/190 |
| BCLL | 0.0 | Rep Stress Incr | YES | WB | 0.58 | Horz(CT) | 0.09 | 12 | n/a | n/a | | |
| BCDL | 5.0 | Code | IRC2015/TPI2014 | Matrix-SH | | | | | | | Weight: 101 lb | FT = 20%F, 12%E |

LUMBER **BRACING**

TOP CHORD 2x4 SP No.2(flat) TOP CHORD Structural wood sheathing directly applied or 4-0-8 oc purlins, except end **BOT CHORD** 2x4 SP No.1(flat)

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. 2x4 SP No.3(flat) WEBS **OTHERS** 2x4 SP No.3(flat)

REACTIONS (lb/size) 12=886/ Mechanical, (min. 0-1-8), 20=886/0-3-8, (min. 0-1-8)

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

TOP CHORD 2-3=-2660/0, 3-4=-3689/0, 4-5=-4304/0, 5-6=-4304/0, 6-7=-4304/0, 7-8=-3714/0, 8-9=-2654/0, 9-10=-2654/0

BOT CHORD $19-20=0/1985,\ 18-19=0/3296,\ 17-18=0/4078,\ 16-17=0/4304,\ 15-16=0/4091,\ 14-15=0/4091,\ 13-14=0/3296,\ 12-13=0/1985,\ 18-19=0/1985,\ 18-1$

WEBS $10-12=-2130/0,\ 2-20=-2130/0,\ 10-13=0/872,\ 2-19=0/878,\ 8-13=-836/0,\ 3-19=-829/0,\ 8-14=0/544,\ 3-18=0/511,\ 7-14=-490/0,\ 4-18=-506/0,\ 7-16=-170/565,\ 4-17=-106/551$

NOTES

1) Unbalanced floor live loads have been considered for this design.

- 2) All plates are MT20 plates unless otherwise indicated.
- 3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 4) Gable studs spaced at 1-4-0 oc.
- 5) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 6) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 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.

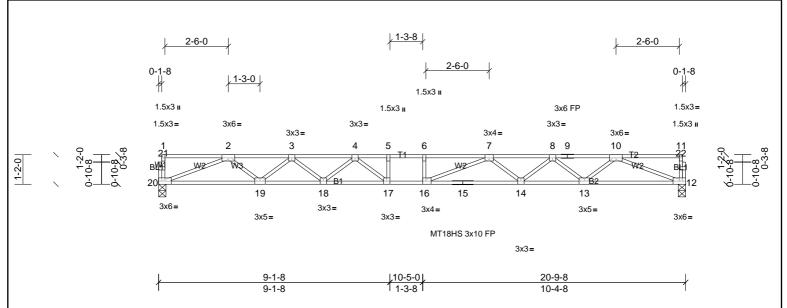






Run: 8.73 S Jan 4 2024 Print: 8.730 S Jan 4 2024 MiTek Industries, Inc. Wed Jul 31 15:34:44

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Scale = 1:45.7

| Plate Offsets (X, Y): | [16:0-1-8,Ed | igej | | | | | | | | | | |
|-----------------------|--------------|-----------------|-----------------|-----------|------|----------|-------|-------|--------|-----|----------------|-----------------|
| Loading | (psf) | Spacing | 1-7-3 | CSI | | DEFL | in | (loc) | l/defl | L/d | PLATES | GRIP |
| TCLL | 40.0 | Plate Grip DOL | 1.00 | TC | 0.86 | Vert(LL) | -0.48 | 14-16 | >518 | 360 | MT18HS | 244/190 |
| TCDL | 10.0 | Lumber DOL | 1.00 | BC | 0.89 | Vert(CT) | -0.66 | 14-16 | >374 | 240 | MT20 | 244/190 |
| BCLL | 0.0 | Rep Stress Incr | YES | WB | 0.59 | Horz(CT) | 0.09 | 12 | n/a | n/a | | |
| BCDL | 5.0 | Code | IRC2015/TPI2014 | Matrix-SH | | | | | | | Weight: 102 lb | FT = 20%F, 12%E |

LUMBER **BRACING**

TOP CHORD 2x4 SP No.2(flat) TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end 2x4 SP No.1(flat) **BOT CHORD**

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. 2x4 SP No.3(flat) WEBS OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 12=899/0-3-8, (min. 0-1-8), 20=899/0-3-8, (min. 0-1-8)

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

TOP CHORD 2-3=-2707/0, 3-4=-3766/0, 4-5=-4423/0, 5-6=-4423/0, 6-7=-4423/0, 7-8=-3794/0, 8-9=-2701/0, 9-10=-2701/0

BOT CHORD $19-20=0/2017,\ 18-19=0/3359,\ 17-18=0/4171,\ 16-17=0/4423,\ 15-16=0/4185,\ 14-15=0/4185,\ 13-14=0/3359,\ 12-13=0/2017,\ 18-19=0/4185,\ 13-14=0/3359,\ 12-13=0/4185,\ 13-14=0/3359,\ 13-14=0/4185,\ 13-1$

WEBS 10-12=-2164/0, 2-20=-2165/0, 10-13=0/891, 2-19=0/899, 8-13=-856/0, 3-19=-848/0, 8-14=0/566, 3-18=0/530, 7-14=-509/0, 4-18=-527/0, 7-16=-156/611, 4-17=-95/601, 3-19=-100/2016, 3-19=-100/201

NOTES

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are MT20 plates unless otherwise indicated.
- 3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 4) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 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.

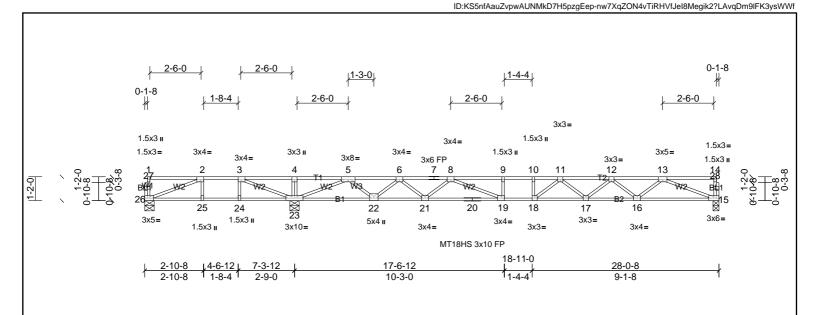




| Job | Truss | Truss Type | Qty | Ply | HH HUNT\GRAYSON FRMH A - F2 |
|----------|-------|------------|-----|-----|-----------------------------|
| 72423190 | FT208 | Truss | 3 | 1 | Job Reference (optional) |

Run: 8.73 S Jan 4 2024 Print: 8.730 S Jan 4 2024 MiTek Industries, Inc. Wed Jul 31 15:34:45

Page: 1



Scale = 1:56.5

| Plate Offsets (X, Y): | ate Offsets (X, Y): [2:0-1-8,Edge], [3:0-1-8,Edge], [19:0-1-8,Edge], [26:0-2-0,Edge] | | | | | | | | | | | | | |
|-----------------------|--|-----------------|-----------------|-----------|------|----------|-------|-------|--------|-----|----------------|-----------------|--|--|
| Loading | (psf) | Spacing | 1-7-3 | CSI | | DEFL | in | (loc) | l/defl | L/d | PLATES | GRIP | | |
| TCLL | 40.0 | Plate Grip DOL | 1.00 | TC | 0.91 | Vert(LL) | -0.36 | 18-19 | >696 | 360 | MT18HS | 244/190 | | |
| TCDL | 10.0 | Lumber DOL | 1.00 | BC | 0.74 | Vert(CT) | -0.48 | 18-19 | >512 | 240 | MT20 | 244/190 | | |
| BCLL | 0.0 | Rep Stress Incr | YES | WB | 0.66 | Horz(CT) | 0.07 | 15 | n/a | n/a | | | | |
| BCDL | 5.0 | Code | IRC2015/TPI2014 | Matrix-SH | | | | | | | Weight: 137 lb | FT = 20%F, 12%E | | |

TOP CHORD

LUMBER **BRACING**

TOP CHORD 2x4 SP No.1(flat) BOT CHORD 2x4 SP No.1(flat)

2x4 SP No.3(flat) WEBS **OTHERS** 2x4 SP No.3(flat) BOT CHORD

15=815/0-3-8, (min. 0-1-8), 23=1556/0-5-8, (min. 0-1-8), 26=64/0-5-8, 26=-156 (LC 4)

Max Unlift Max Grav

15=824 (LC 7), 23=1556 (LC 1), 26=238 (LC 3) (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

FORCES TOP CHORD

BOT CHORD 25-26=-679/298, 24-25=-679/298, 23-24=-679/298, 22-23=0/681, 21-22=0/2219, 20-21=0/3232, 19-20=0/3232, 18-19=0/3721, 17-18=0/3619, 16-17=0/2992, 15-16=0/1827 WEBS 5-23=-2397/0. 13-15=-1961/0. 5-22=0/1052. 13-16=0/780. 6-22=-1008/0. 12-16=-735/0. 6-21=0/700. 12-17=0/422. 8-21=-664/0. 11-17=-393/0. 8-19=0/788. 11-18=-219/439.

3-23=-1470/0, 2-26=-312/732

NOTES

REACTIONS

- Unbalanced floor live loads have been considered for this design.
- 2) All plates are MT20 plates unless otherwise indicated.

(lb/size)

- 3) All plates are 1.5x3 MT20 unless otherwise indicated.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 156 lb uplift at joint 26.
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/ 5)
- 6) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 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.
- 7) CAUTION, Do not erect truss backwards.



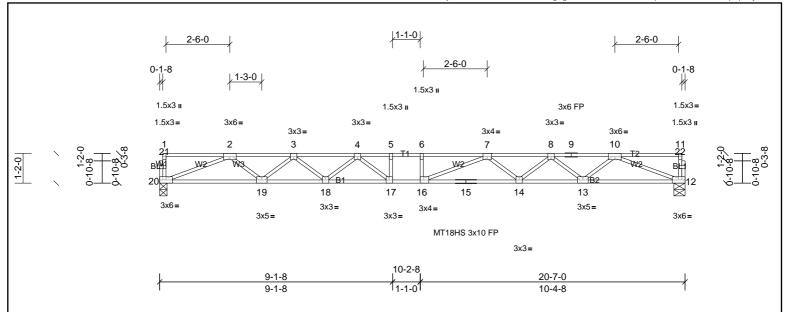
Structural wood sheathing directly applied or 2-2-0 oc purlins, except end

Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 25-26,24-25,23-24.



| Job | Truss | Truss Type | Qty | Ply | HH HUNT\GRAYSON FRMH A - F2 |
|----------|-------|------------|-----|-----|-----------------------------|
| 72423190 | FT209 | Truss | 7 | 1 | Job Reference (optional) |

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Scale = 1:45.4

Plate Offsets (X, Y):

| Loading | (psf) | Spacing | 1-7-3 | CSI | | DEFL | in | (loc) | I/defl | L/d | PLATES | GRIP |
|---------|-------|-----------------|-----------------|-----------|------|----------|-------|-------|--------|-----|----------------|-----------------|
| TCLL | 40.0 | Plate Grip DOL | 1.00 | TC | 0.82 | Vert(LL) | -0.45 | 14-16 | >537 | 360 | MT18HS | 244/190 |
| TCDL | 10.0 | Lumber DOL | 1.00 | BC | 0.87 | Vert(CT) | -0.63 | 14-16 | >387 | 240 | MT20 | 244/190 |
| BCLL | 0.0 | Rep Stress Incr | YES | WB | 0.59 | Horz(CT) | 0.09 | 12 | n/a | n/a | | |
| BCDL | 5.0 | Code | IRC2015/TPI2014 | Matrix-SH | | | | | | | Weight: 101 lb | FT = 20%F, 12%E |

LUMBER **BRACING** TOP CHORD 2x4 SP No.2(flat)

TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end 2x4 SP No.1(flat) **BOT CHORD**

BOT CHORD

Rigid ceiling directly applied or 10-0-0 oc bracing. 2x4 SP No.3(flat) WEBS OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 12=890/0-5-4, (min. 0-1-8), 20=890/0-3-8, (min. 0-1-8)

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

TOP CHORD 2-3=-2673/0, 3-4=-3711/0, 4-5=-4338/0, 5-6=-4338/0, 6-7=-4338/0, 7-8=-3737/0, 8-9=-2668/0, 9-10=-2668/0

BOT CHORD $19-20=0/1994,\ 18-19=0/3314,\ 17-18=0/4104,\ 16-17=0/4338,\ 15-16=0/4117,\ 14-15=0/4117,\ 13-14=0/3314,\ 12-13=0/1994,\ 18-19=0/1994,\ 18-1$

WEBS $10-12=-2139/0,\ 2-20=-2140/0,\ 10-13=0/877,\ 2-19=0/884,\ 8-13=-841/0,\ 3-19=-834/0,\ 8-14=0/550,\ 3-18=0/517,\ 7-14=-496/0,\ 4-18=-512/0,\ 7-16=-166/578,\ 4-17=-103/565$

NOTES

1) Unbalanced floor live loads have been considered for this design.

[16:0-1-8,Edge]

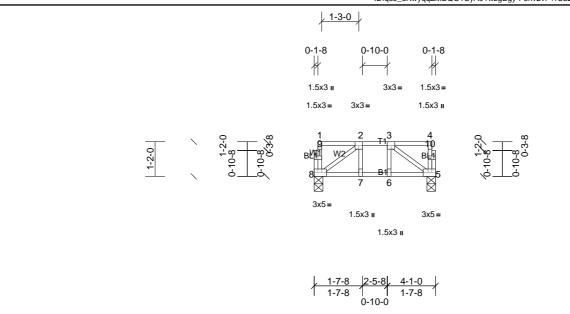
- 2) All plates are MT20 plates unless otherwise indicated.
- 3) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 4) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.





| Job | Truss | Truss Type | Qty | Ply | HH HUNT\GRAYSON FRMH A - F2 |
|----------|-------|------------|-----|-----|-----------------------------|
| 72423190 | FT210 | Truss | 2 | 1 | Job Reference (optional) |

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ID:q5J_uKwyqqZMEQO1CyA91wzgEgy-F6hv2vP?rCbZ2Q4rtMpNvsC4GSVwvWdN_pVpsVysWWe



Scale = 1:38.9

| Plate Offsets (X, Y): | [5:0-2-0,Edg | e], [8:0-2-0,Edge] | | | | | | | | | | |
|-----------------------|--------------|--------------------|-----------------|-----------|------|----------|------|-------|--------|-----|---------------|-----------------|
| Loading | (psf) | Spacing | 1-7-3 | CSI | | DEFL | in | (loc) | l/defl | L/d | PLATES | GRIP |
| TCLL | 40.0 | Plate Grip DOL | 1.00 | TC | 0.09 | Vert(LL) | 0.00 | 7-8 | >999 | 360 | MT20 | 244/190 |
| TCDL | 10.0 | Lumber DOL | 1.00 | BC | 0.07 | Vert(CT) | 0.00 | 7-8 | >999 | 240 | | |
| BCLL | 0.0 | Rep Stress Incr | YES | WB | 0.04 | Horz(CT) | 0.00 | 5 | n/a | n/a | | |
| BCDL | 5.0 | Code | IRC2015/TPI2014 | Matrix-SH | | | | | | | Weight: 24 lb | FT = 20%F, 12%E |

LUMBER BRACING

 TOP CHORD
 2x4 SP No.2(flat)
 TOP CHORD

 BOT CHORD
 2x4 SP No.2(flat)
 TOP CHORD

WEBS 2x4 SP No.3(flat)
OTHERS 2x4 SP No.3(flat)
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 5=164/0-3-8, (min. 0-1-8), 8=164/0-3-8, (min. 0-1-8)

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

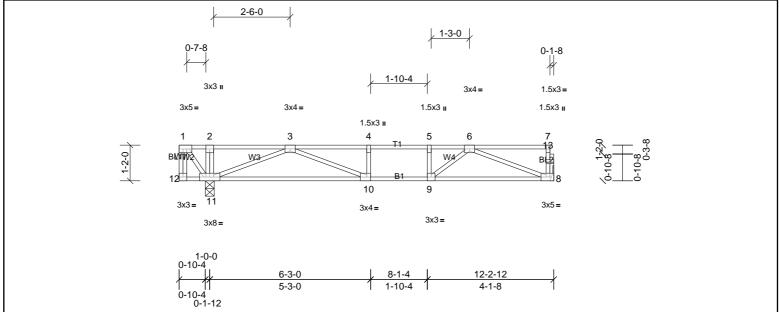
NOTES

- 1) Unbalanced floor live loads have been considered for this design.
- 2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 3) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 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.



| Job | Truss | Truss Type | Qty | Ply | HH HUNT\GRAYSON FRMH A - F2 |
|----------|-------|------------|-----|-----|-----------------------------|
| 72423190 | FT211 | Truss | 4 | 1 | Job Reference (optional) |

Run: 8.73 S Jan 4 2024 Print: 8.730 S Jan 4 2024 MiTek Industries, Inc. Wed Jul 31 15:34:45 Page: 1



Scale = 1:37.8 Plate Offsets (X, Y):

| [1:0-2-0,Edge], [8:0-2-0,Edge], [10:0-1-8,Edge] |
|---|
|---|

| Loading | (psf) | Spacing | 1-7-3 | CSI | | DEFL | in | (loc) | I/defl | L/d | PLATES | GRIP |
|---------|-------|-----------------|-----------------|-----------|------|----------|-------|-------|--------|-----|---------------|-----------------|
| TCLL | 40.0 | Plate Grip DOL | 1.00 | TC | 0.50 | Vert(LL) | -0.10 | 10-11 | >999 | 360 | MT20 | 244/190 |
| TCDL | 10.0 | Lumber DOL | 1.00 | BC | 0.52 | Vert(CT) | -0.15 | 10-11 | >908 | 240 | | |
| BCLL | 0.0 | Rep Stress Incr | NO | WB | 0.28 | Horz(CT) | 0.02 | 8 | n/a | n/a | | |
| BCDL | 5.0 | Code | IRC2015/TPI2014 | Matrix-SH | | | | | | | Weight: 63 lb | FT = 20%F, 12%E |

LUMBER BRACING

TOP CHORD 2x4 SP No.2(flat) TOP CHORD **BOT CHORD** 2x4 SP No.2(flat)

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. 2x4 SP No.3(flat) WEBS OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 8=457/ Mechanical, (min. 0-1-8), 11=842/0-3-8, (min. 0-1-8) Max Grav

8=459 (LC 4), 11=842 (LC 1) **FORCES** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 3-4=-1158/0, 4-5=-1158/0, 5-6=-1158/0

BOT CHORD 10-11=0/776, 9-10=0/1158, 8-9=0/914

WEBS 1-11=-342/0, 3-11=-1031/0, 6-8=-978/0, 3-10=0/520, 6-9=0/416

NOTES

- 1) Unbalanced floor live loads have been considered for this design.
- 2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 3) Magnitude of user added load(s) on this truss have been applied uniformly across all gravity load cases with no adjustments.
- Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached 4) to walls at their outer ends or restrained by other means.
- 5) CAUTION, Do not erect truss backwards.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 250 lb down at 0-1-8 on top chord. The design/ 6) selection of such connection device(s) is the responsibility of others.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (lb/ft)

Vert: 8-12=-8, 1-7=-80

Concentrated Loads (lb)

Vert: 1=-250 (F)







| Job | Truss | Truss Type | Qty | Ply | HH HUNT\GRAYSON FRMH A - F2 |
|----------|-------|------------|-----|-----|-----------------------------|
| 72423190 | FT212 | Truss | 4 | 1 | Job Reference (optional) |

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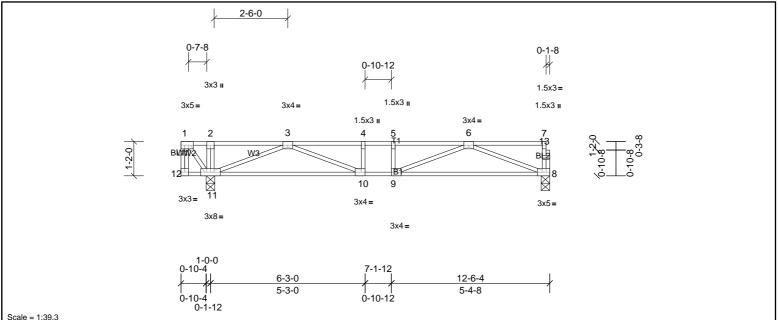


Plate Offsets (X, Y):

[1:0-2-0,Edge], [8:0-2-0,Edge], [9:0-1-8,Edge], [10:0-1-8,Edge]

| Loading | (psf) | Spacing | 1-7-3 | CSI | | DEFL | in | (loc) | l/defl | L/d | PLATES | GRIP |
|---------|-------|-----------------|-----------------|-----------|------|----------|-------|-------|--------|-----|---------------|-----------------|
| TCLL | 40.0 | Plate Grip DOL | 1.00 | TC | 0.41 | Vert(LL) | -0.08 | 8-9 | >999 | 360 | MT20 | 244/190 |
| TCDL | 10.0 | Lumber DOL | 1.00 | BC | 0.46 | Vert(CT) | -0.14 | 8-9 | >951 | 240 | | |
| BCLL | 0.0 | Rep Stress Incr | NO | WB | 0.29 | Horz(CT) | 0.02 | 8 | n/a | n/a | | |
| BCDL | 5.0 | Code | IRC2015/TPI2014 | Matrix-SH | | | | | | | Weight: 65 lb | FT = 20%F, 12%E |

LUMBER BRACING

TOP CHORD 2x4 SP No.2(flat) TOP CHORD BOT CHORD 2x4 SP No.2(flat)

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. 2x4 SP No.3(flat) WEBS

OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 8=470/0-3-8, (min. 0-1-8), 11=855/0-3-8, (min. 0-1-8)

Max Grav 8=473 (LC 4), 11=855 (LC 1)

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

TOP CHORD 3-4=-1264/0, 4-5=-1264/0, 5-6=-1264/0 **BOT CHORD** 10-11=0/805, 9-10=0/1264, 8-9=0/948

WEBS 1-11=-347/0, 3-11=-1069/0, 6-8=-1015/0, 3-10=0/559, 6-9=0/402

NOTES

- 1) Unbalanced floor live loads have been considered for this design.
- 2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 3) Magnitude of user added load(s) on this truss have been applied uniformly across all gravity load cases with no adjustments.
- Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached 4) walls at their outer ends or restrained by other means.
- 5) CAUTION, Do not erect truss backwards.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 250 lb down at 0-1-8 on top chord. The design/ 6) selection of such connection device(s) is the responsibility of others.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (lb/ft)

Vert: 8-12=-8, 1-7=-80

Concentrated Loads (lb)

Vert: 1=-250 (F)

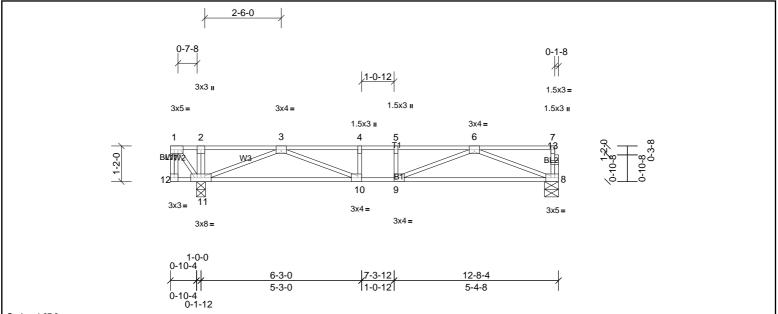






| Job | Truss | Truss Type | Qty | Ply | HH HUNT\GRAYSON FRMH A - F2 |
|----------|-------|------------|-----|-----|-----------------------------|
| 72423190 | FT213 | Truss | 3 | 1 | Job Reference (optional) |

Run: 8.73 S Jan 4 2024 Print: 8.730 S Jan 4 2024 MiTek Industries, Inc. Wed Jul 31 15:34:45 Page: 1 $ID: N_sJyEk_2P?rnj0veWttF2zgEfv-F6hv2vP?rCbZ2Q4rtMpNvsC?ASPLvSgN_pVpsVysWWe$



Scale = 1:37.8 Plate Offsets (X, Y):

[1:0-2-0,Edge], [8:0-2-0,Edge], [9:0-1-8,Edge], [10:0-1-8,Edge]

| Loading | (psf) | Spacing | 1-7-3 | CSI | | DEFL | in | (loc) | I/defl | L/d | PLATES | GRIP |
|---------|-------|-----------------|-----------------|-----------|------|----------|-------|-------|--------|-----|---------------|-----------------|
| TCLL | 40.0 | Plate Grip DOL | 1.00 | TC | 0.42 | Vert(LL) | -0.09 | 8-9 | >999 | 360 | MT20 | 244/190 |
| TCDL | 10.0 | Lumber DOL | 1.00 | BC | 0.49 | Vert(CT) | -0.16 | 8-9 | >884 | 240 | | |
| BCLL | 0.0 | Rep Stress Incr | NO | WB | 0.30 | Horz(CT) | 0.02 | 8 | n/a | n/a | | |
| BCDL | 5.0 | Code | IRC2015/TPI2014 | Matrix-SH | | | | | | | Weight: 66 lb | FT = 20%F, 12%E |

LUMBER BRACING

8=478/0-5-8, (min. 0-1-8), 11=862/0-3-8, (min. 0-1-8)

TOP CHORD 2x4 SP No.2(flat) TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end 2x4 SP No.2(flat) BOT CHORD

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. 2x4 SP No.3(flat) WEBS

OTHERS 2x4 SP No.3(flat)

REACTIONS Max Grav 8=480 (LC 4), 11=862 (LC 1)

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

TOP CHORD 3-4=-1299/0, 4-5=-1299/0, 5-6=-1299/0 **BOT CHORD** 10-11=0/822, 9-10=0/1299, 8-9=0/967

WEBS 1-11=-348/0, 3-11=-1087/0, 6-8=-1035/0, 3-10=0/583, 6-9=0/423

NOTES

- 1) Unbalanced floor live loads have been considered for this design.
- 2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 3) Magnitude of user added load(s) on this truss have been applied uniformly across all gravity load cases with no adjustments.
- Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached 4)
- walls at their outer ends or restrained by other means. 5) CAUTION, Do not erect truss backwards.

(lb/size)

- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 250 lb down at 0-1-8 on top chord. The design/ 6)
- selection of such connection device(s) is the responsibility of others. In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (lb/ft)

Vert: 8-12=-8, 1-7=-80

Concentrated Loads (lb)

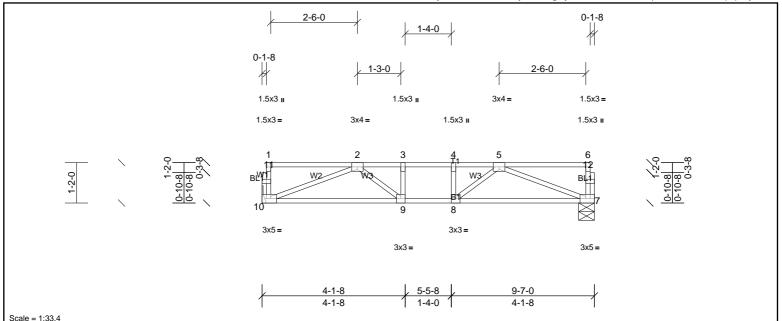
Vert: 1=-250 (F)





| Job | Truss | Truss Type | Qty | Ply | HH HUNT\GRAYSON FRMH A - F2 |
|----------|-------|------------|-----|-----|-----------------------------|
| 72423190 | FT214 | Truss | 3 | 1 | Job Reference (optional) |

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| Plate Offsets (X, Y): | [7:0-2-0,Edg | e], [10:0-2-0,Edge] | | | | | | | | | | |
|-----------------------|--------------|---------------------|-----------------|-----------|------|----------|-------|-------|--------|-----|---------------|-----------------|
| Loading | (psf) | Spacing | 2-0-0 | CSI | | DEFL | in | (loc) | l/defl | L/d | PLATES | GRIP |
| TCLL | 40.0 | Plate Grip DOL | 1.00 | TC | 0.37 | Vert(LL) | -0.05 | 9-10 | >999 | 360 | MT20 | 244/190 |
| TCDL | 10.0 | Lumber DOL | 1.00 | BC | 0.36 | Vert(CT) | -0.08 | 9-10 | >999 | 240 | | |
| BCLL | 0.0 | Rep Stress Incr | YES | WB | 0.28 | Horz(CT) | 0.02 | 7 | n/a | n/a | | |
| BCDL | 5.0 | Code | IRC2015/TPI2014 | Matrix-SH | | | | | | | Weight: 48 lb | FT = 20%F, 12%E |

LUMBER **BRACING**

TOP CHORD 2x4 SP No.2(flat) TOP CHORD 2x4 SP No.2(flat) **BOT CHORD**

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. 2x4 SP No.3(flat) WEBS OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 7=507/0-5-8, (min. 0-1-8), 10=507/ Mechanical, (min. 0-1-8) **FORCES** (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-3=-1134/0, 3-4=-1134/0, 4-5=-1134/0 **BOT CHORD** 9-10=0/970, 8-9=0/1134, 7-8=0/970 WEBS 5-7=-1037/0, 2-10=-1037/0, 5-8=0/346, 2-9=0/346

NOTES

- Unbalanced floor live loads have been considered for this design. 1)
- 2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 3) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached

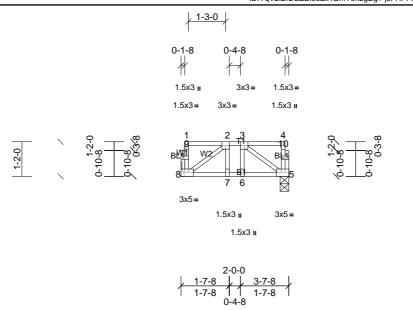
to walls at their outer ends or restrained by other means.





| Job | Truss | Truss Type | Qty | Ply | HH HUNT\GRAYSON FRMH A - F2 |
|----------|-------|------------|-----|-----|-----------------------------|
| 72423190 | FT215 | Truss | 1 | 1 | Job Reference (optional) |

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Scale = 1:38.9

| Plate Offsets (X, Y): | [5:0-2-0,Edg | ej, [8:0-2-0,Edge] | | | | | | | | | | |
|-----------------------|--------------|--------------------|-----------------|-----------|------|----------|------|-------|--------|-----|---------------|-----------------|
| Loading | (psf) | Spacing | 2-0-0 | CSI | | DEFL | in | (loc) | l/defl | L/d | PLATES | GRIP |
| TCLL | 40.0 | Plate Grip DOL | 1.00 | TC | 0.11 | Vert(LL) | 0.00 | 7-8 | >999 | 360 | MT20 | 244/190 |
| TCDL | 10.0 | Lumber DOL | 1.00 | BC | 0.07 | Vert(CT) | 0.00 | 7-8 | >999 | 240 | | |
| BCLL | 0.0 | Rep Stress Incr | YES | WB | 0.05 | Horz(CT) | 0.00 | 5 | n/a | n/a | | |
| BCDL | 5.0 | Code | IRC2015/TPI2014 | Matrix-SH | | | | | | | Weight: 23 lb | FT = 20%F, 12%E |

LUMBER BRACING

 TOP CHORD
 2x4 SP No.2(flat)
 TOP CHORD

 BOT CHORD
 2x4 SP No.2(flat)
 TOP CHORD

WEBS 2x4 SP No.3(flat) BOT CHORD
OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 5=179/0-3-8, (min. 0-1-8), 8=179/ Mechanical, (min. 0-1-8)

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

NOTES

- 1) Unbalanced floor live loads have been considered for this design.
- 2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 3) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 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.



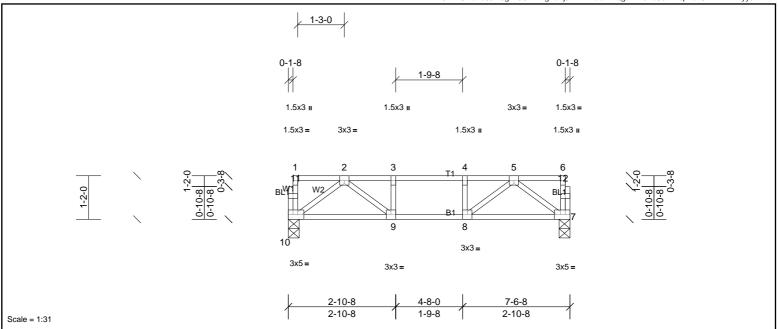
Structural wood sheathing directly applied or 3-7-8 oc purlins, except end

Rigid ceiling directly applied or 10-0-0 oc bracing.



| Job | Truss | Truss Type | Qty | Ply | HH HUNT\GRAYSON FRMH A - F2 |
|----------|-------|------------|-----|-----|-----------------------------|
| 72423190 | FT216 | Truss | 1 | 1 | Job Reference (optional) |

Run: 8.73 S Jan 4 2024 Print: 8.730 S Jan 4 2024 MiTek Industries, Inc. Wed Jul 31 15:34:46 Page: 1



| l late Offsets (X, 1). | [1.0-2-0,Edg | ej, [10.0-2-0,Luge] | | | | | | | | | | |
|------------------------|--------------|---------------------|-----------------|-----------|------|----------|-------|-------|--------|-----|---------------|-----------------|
| Loading | (psf) | Spacing | 1-7-3 | CSI | | DEFL | in | (loc) | I/defl | L/d | PLATES | GRIP |
| TCLL | 40.0 | Plate Grip DOL | 1.00 | TC | 0.21 | Vert(LL) | -0.02 | 9-10 | >999 | 360 | MT20 | 244/190 |
| TCDL | 10.0 | Lumber DOL | 1.00 | BC | 0.21 | Vert(CT) | -0.03 | 9-10 | >999 | 240 | | |
| BCLL | 0.0 | Rep Stress Incr | YES | WB | 0.13 | Horz(CT) | 0.00 | 7 | n/a | n/a | | |
| BCDL | 5.0 | Code | IRC2015/TPI2014 | Matrix-SH | | | | | | | Weight: 39 lb | FT = 20%F, 12%E |

LUMBER **BRACING**

TOP CHORD 2x4 SP No.2(flat) TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end BOT CHORD 2x4 SP No.2(flat)

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. 2x4 SP No.3(flat) WEBS

OTHERS 2x4 SP No.3(flat)

REACTIONS (lb/size) 7=316/0-3-8, (min. 0-1-8), 10=316/0-3-8, (min. 0-1-8)

[7:0-2-0 Edge] [10:0-2-0 Edge]

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

TOP CHORD 2-3=-543/0, 3-4=-543/0, 4-5=-543/0 **BOT CHORD** 9-10=0/348, 8-9=0/543, 7-8=0/348 WEBS 5-7=-434/0, 2-10=-434/0, 5-8=0/281, 2-9=0/281

NOTES

Diota Offosto (V. V)

- 1) Unbalanced floor live loads have been considered for this design.
- 2) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 3)

Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 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.







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Scale = 1:55.2

| Loading | (psf) | Spacing | 1-7-3 | CSI | | DEFL | in | (loc) | l/defl | L/d | PLATES | GRIP |
|---------|-------|-----------------|-----------------|----------|------|-----------|------|-------|--------|-----|----------------|-----------------|
| TCLL | 40.0 | Plate Grip DOL | 1.00 | TC | 0.07 | Vert(LL) | n/a | - | n/a | 999 | MT20 | 244/190 |
| TCDL | 10.0 | Lumber DOL | 1.00 | BC | 0.02 | Vert(TL) | n/a | - | n/a | 999 | | |
| BCLL | 0.0 | Rep Stress Incr | YES | WB | 0.03 | Horiz(TL) | 0.00 | 24 | n/a | n/a | | |
| BCDL | 5.0 | Code | IRC2015/TPI2014 | Matrix-R | ļ | | | | | | Weight: 113 lb | FT = 20%F, 12%E |

BOT CHORD

LUMBER **BRACING** TOP CHORD

TOP CHORD 2x4 SP No.2(flat) BOT CHORD 2x4 SP No.2(flat) WEBS 2x4 SP No.3(flat) OTHERS

2x4 SP No.3(flat)

REACTIONS All bearings 27-1-8

(lb) - Max Grav All reactions 250 (lb) or less at joint(s) 24, 25, 26, 27, 28, 29, 30, 31, 32,

33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44

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

NOTES

- 1) All plates are 1.5x3 MT20 unless otherwise indicated.
- 2) Gable requires continuous bottom chord bearing
- 3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 4) Gable studs spaced at 1-4-0 oc.
- 5) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 6) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 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.



Structural wood sheathing directly applied or 6-0-0 oc purlins, except end

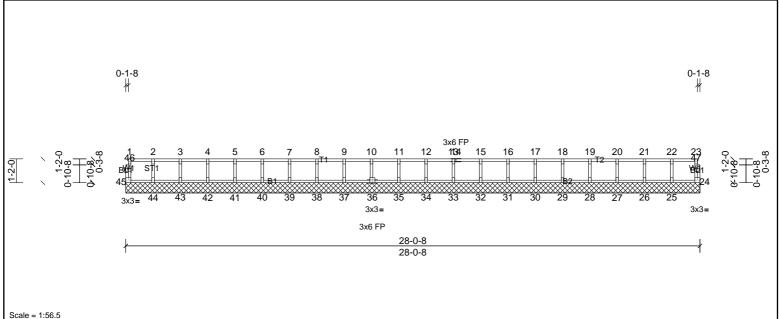
Rigid ceiling directly applied or 10-0-0 oc bracing.

verticals





Run: 8.73 S Jan 4 2024 Print: 8.730 S Jan 4 2024 MiTek Industries, Inc. Wed Jul 31 15:34:46 Page: 1



| Loading | (psf) | Spacing | 1-7-3 | CSI | | DEFL | in | (loc) | l/defl | L/d | PLATES | GRIP |
|---------|-------|-----------------|-----------------|----------|------|-----------|------|-------|--------|-----|----------------|-----------------|
| TCLL | 40.0 | Plate Grip DOL | 1.00 | TC | 0.06 | Vert(LL) | n/a | - | n/a | 999 | MT20 | 244/190 |
| TCDL | 10.0 | Lumber DOL | 1.00 | BC | 0.01 | Vert(TL) | n/a | - | n/a | 999 | | |
| BCLL | 0.0 | Rep Stress Incr | YES | WB | 0.02 | Horiz(TL) | 0.00 | 24 | n/a | n/a | | |
| BCDL | 5.0 | Code | IRC2015/TPI2014 | Matrix-R | | | | | | | Weight: 115 lb | FT = 20%F, 12%E |

BOT CHORD

LUMBER **BRACING** TOP CHORD

TOP CHORD 2x4 SP No.2(flat) BOT CHORD 2x4 SP No.2(flat) WEBS 2x4 SP No.3(flat)

OTHERS 2x4 SP No.3(flat) REACTIONS

All bearings 28-0-8

(lb) - Max Grav All reactions 250 (lb) or less at joint(s) 24, 25, 26, 27, 28, 29, 30, 31, 32,

33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45

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

NOTES

- 1) All plates are 1.5x3 MT20 unless otherwise indicated.
- 2) Gable requires continuous bottom chord bearing
- 3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 4) Gable studs spaced at 1-4-0 oc.
- 5) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- 6) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 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.



Structural wood sheathing directly applied or 6-0-0 oc purlins, except end

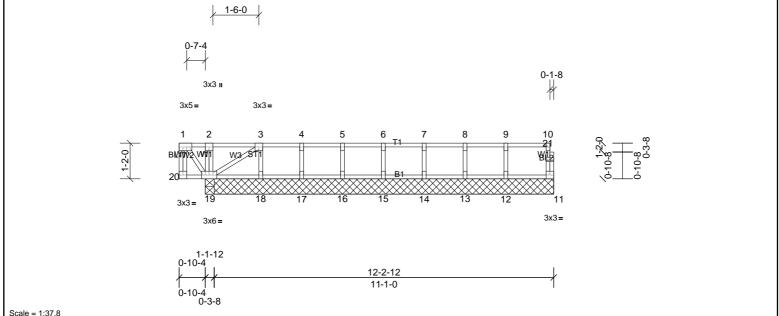
Rigid ceiling directly applied or 10-0-0 oc bracing.

verticals





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| Plate Offsets (X, Y): | [1:0-2-0,Edge] |
|-----------------------|----------------|
|-----------------------|----------------|

| I. | | | | | | | | | | | | | |
|----|---------|-------|-----------------|-----------------|-----------|------|----------|------|-------|--------|-----|---------------|-----------------|
| l | _oading | (psf) | Spacing | 1-7-3 | CSI | | DEFL | in | (loc) | I/defl | L/d | PLATES | GRIP |
| ŀ | TCLL . | 40.0 | Plate Grip DOL | 1.00 | TC | 0.17 | Vert(LL) | 0.00 | 18-19 | >999 | 360 | MT20 | 244/190 |
| ŀ | CDL . | 10.0 | Lumber DOL | 1.00 | BC | 0.03 | Vert(CT) | 0.00 | 18-19 | >999 | 240 | | |
| ı | BCLL | 0.0 | Rep Stress Incr | NO | WB | 0.08 | Horz(CT) | 0.00 | 11 | n/a | n/a | | |
| 1 | BCDL | 5.0 | Code | IRC2015/TPI2014 | Matrix-SH | | | | | | | Weight: 58 lb | FT = 20%F, 12%E |

LUMBER BRACING TOP CHORD

TOP CHORD 2x4 SP No.2(flat) BOT CHORD 2x4 SP No.2(flat)

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing 2x4 SP No.3(flat) WEBS **OTHERS** 2x4 SP No.3(flat)

REACTIONS All bearings 11-4-8

(lb) - Max Uplift All uplift 100 (lb) or less at joint(s) except 18=-116 (LC 3) Max Grav All reactions 250 (lb) or less at joint(s) 11, 12, 13, 14, 15, 16, 17, 18 except 19=544 (LC 1)

FORCES

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

WEBS 1-19=-355/0, 3-19=-272/0

NOTES

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are 1.5x3 MT20 unless otherwise indicated.
- 3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 4) Gable studs spaced at 1-4-0 oc.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 115 lb uplift at joint 18. 5)
- 6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/
- Magnitude of user added load(s) on this truss have been applied uniformly across all gravity load cases with no adjustments.
- Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached 8) to walls at their outer ends or restrained by other means.
- CAUTION, Do not erect truss backwards.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 250 lb down at 0-1-8 on top chord. The design/ 10 selection of such connection device(s) is the responsibility of others
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (lb/ft)

Vert: 11-20=-8, 1-10=-80

Concentrated Loads (lb)

Vert: 1=-250 (F)





