| Job   | Truss   | Truss Type   |   | Qty                               | Ply                           | RED DOOR  | WESTOVER                                      | R CLASSIC 2F                              |   |
|---|---|--|---|-----------------------------------|-------------------------------|---|---|---|---|
| 72270103  | F100  | Truss  |   | 12                                |                               | Jak Deferre   | (+  |   |   |
| UFP Mid Atlantic LLC, 5631 S.   | NC 62, Burlington, NC, Micah Cla  | yton   | Run: 8.51 S   | Oct 22 2021 Pr                    | int: 8.510 S                  | Oct 22 2021 MiTe                                      | ce (optional)<br>ek Industries, I             | nc. Mon May 02 12                         | :58:34 Page: 1                            |
|   |   |  |   | ID:Wzdł                           | ME_KngNljl                    | vjEyBNx91zd1mN  | N-RH13PtiYyw                                  | zmlwSOJV0VHUnk                            | (2kChBpvZ18yOHozKYL3                      |
|   | 5x5 =   |  | 1-1-12  | ,                                 |                               |   |   | 0-1-8<br>↓↓<br>1.5x3 ⊪                    |   |
|   |   | 3<br>w3<br>14  | 4 5<br>13 12  | 5<br>T2<br>BITF<br>2 11           | 6                             | 10  | 7   | 8<br>17<br>BL<br>9                        | 0-8-8<br>0-8-8<br>0-3-8<br>0-3-8          |
|   | 3x5 =   |  | 1.5x3 <b>แ</b><br>1.5   | 5x3 II                            |                               |   |   | 3x5 =<br>1.5x3 =                          |   |
|   | 0-3-0<br>   | <u>5-7-8</u><br>5-4-8  | <u> </u>  | ,                                 |                               | <u>13-4-12</u><br>6-7-8                               |   |   |   |
| Scale = 1:32  |   |  |   |                                   |                               |   |   |   |   |
| Plate Offsets (X, Y): [1  | :0-2-0,Edge], [9:0-2-0,Edge]  |  |   |                                   |                               |   |   |   |   |
| Loading<br>TCLL<br>TCDL<br>BCLL<br>BCDL   | (psf)Spacing40.0Plate Grip DOL10.0Lumber DOL0.0Rep Stress Incr5.0Code   | 1-7-3<br>1.00<br>1.00<br>YES<br>IRC2015/TPI2014  | CSI<br>TC<br>BC<br>WB<br>Matrix-SH  | 0.36 Ver<br>0.75 Ver<br>0.43 Hor  | FL<br>t(LL)<br>t(CT)<br>z(CT) | in (loc)<br>-0.12 11-12<br>-0.16 11-12<br>0.01 9      | l/defl L/d<br>>999 480<br>>973 360<br>n/a n/a | PLATES<br>MT20<br>Weight: 67 lb           | <b>GRIP</b><br>244/190<br>FT = 20%F, 11%E |
| LUMBER<br>TOP CHORD 2x4 SP No.<br>BOT CHORD 2x4 SP No.<br>WEBS 2x4 SP No.<br>OTHERS 2x4 SP No.  | .2(flat)<br>.2(flat)<br>.3(flat)  |  |   | BRACING<br>TOP CHORD<br>BOT CHORD | S<br>ve<br>R                  | tructural wood sh<br>erticals.<br>igid ceiling direct | eathing directl<br>ly applied or 10           | y applied or 6-0-0 c<br>)-0-0 oc bracing. | c purlins, except end                     |
| REACTIONS (Ib/si<br>FORCES<br>TOP CHORD<br>BOT CHORD<br>WEBS<br>NOTES<br>1) Unbalanced floor live loa<br>2) All plates are 3x3 MT20                           | ize) 1=567/0-2-8, (min. 0-1-8<br>(lb) - Max. Comp./Max. Ten A<br>1-2=-774/0, 2-3=-770/0, 3-4=-17<br>14-15=0/1391, 13-14=0/2067, 1<br>7-9=-966/0, 1-15=0/895, 7-10=0<br>ads have been considered for this<br>unless otherwise indicated. | ), 9=562/0-3-8, (min. 0-1-8)<br>I forces 250 (lb) or less exce<br>17/0, 4-5=-2067/0, 5-6=-19!<br>2-13=0/2067, 11-12=0/2067<br>/619, 3-15=-757/0, 6-10=-58<br>design. | ept when shown.<br>58/0, 6-7=-1325/0<br>, 10-11=0/1803, 9-1(<br>34/0, 3-14=0/399, 6-1 | 0=0/818<br>11=0/256, 4-14=        | -479/0, 5-11                  | 1=-283/59   |   |   |   |
| <ol> <li>Provide mechanical con</li> <li>This truss is designed in</li> </ol>   | nection (by others) of truss to bea<br>a accordance with the 2015 Interna   | ring plate at joint(s) 1.<br>ational Residential Code sec  | tions R502.11.1 and   | R802.10.2 and                     | referenced                    | standard ANSI/  |   |   |   |
| <ul> <li>1PI 1.</li> <li>5) Recommend 2x6 strong to walls at their outer en</li> <li>6) Gap between inside of tr</li> <li>7) CAUTION, Do not erect</li> </ul> | backs, on edge, spaced at 10-00-<br>ds or restrained by other means.<br>op chord bearing and first diagona<br>truss backwards.  | 00 oc and fastened to each<br>Il or vertical web shall not ex  | truss with 3-10d (0.1<br>cceed 0.500in.   | 31" X 3") nails.                  | Strongback                    | s to be attached                                      |   |   |   |
|   |   |  |   |                                   |                               |   |   |   |   |
|   |   |  |   |                                   |                               |   | man   | NORTH CA                                  | AROLINA                                   |
|   |   |  |   |                                   |                               |   | And Anthere and Anthere                       | CHAWAY                                    | EEP.                                      |

This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of a governing codes and ordinances. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building. Certification is valid only when truss is fabricated by a UFPI plant. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, erection and bracing available from SBCA and Truss Plate Institute.



| Job  |  | Truss  |   | I  | Truss Type  |   |   | v  | Plv   | RED  | DOOR\  | WESTO                                       | VFR  | CLASSIC 2F   |   |
|--|--|--|---|--|---|---|---|--|---|--|--|---|--|--|---|
| 72270103   |  | F101   |   |  | Truss   |   |   | ,<br>13  | 1   |  |  | ,   |  |  |   |
| UFP Mid Atlantic L   | LC, 5631 S. N  | C 62, Bu   | rlington, NC. N   | /licah Clavi   | ton   | Run: 8  | .51 S Oct 22  | 2021 Pi  | int: 8.510 S                                    | Job F<br>Oct 22 2  | etereno<br>021 MiTe                                | ce (optio<br>ek Industri                    | nal)<br>ies, Inc   | c. Mon May 02 12   | 2:58:34 Page:                             |
|  | LC, JDJ I 5. NO  | ο υΖ, BUI  | mington, NC, N  | muan Ulayi   |   | Kun: 8  | JIJ UCT 22  | ID:MT  | u?BmEzMif                                       | jjo0PR79   | 08zzdGe  | 2-RH13P                                     | es, inc<br>tiYywz  | mlwSOJV0VHUr   | nlQk9KBraZ18yOHozKYL                      |
| 1-0-0  | / /<br>0<br>80   |  | (<br>%60<br>2<br>2<br>1   | 1-3<br>0-1-8<br>1.5x3 ⊪<br>1<br>1<br>5<br>1.5x3 =<br>3x5 =   | -0<br>3x3=<br>2<br>14<br>3x3=<br>5-4-8<br>5-4-8   | 3x3=<br>3 4<br>1.5<br>3 4<br>1.5<br>3 4<br>1.5<br>3 4<br>1.5<br>3 4<br>1.5<br>3 4<br>1.5<br>3 4<br>1.5<br>3 4<br>1.5<br>3 4<br>1.5<br>3 4<br>1.5<br>1.5<br>1.5<br>1.5<br>1.5<br>1.5<br>1.5<br>1.5 | <ul> <li>∠ 1-8-8</li> <li>×3 II</li> <li>33=</li> <li>∠ 7-1-0</li> <li>1-8-8</li> </ul> | 3x3=<br>5<br>12<br>1.5x3 II                                | <u>B1</u><br>11<br>3x3=                         | 3x3<br>6   | =<br>1<br>3<br><u>13-8-8</u><br>6-7-8              | 0<br>x4=                                    | 3x4=<br>7  | 0-1-8<br>1.5x3 II<br>8<br>9<br>3x5 =<br>1.5x3 =                          | 0-8-8<br>0-8-8<br>0-8-8<br>0-3-8          |
| Scale = 1:35.5   |  |  |   |  |   |   |   |  |   |  |  |   |  | '  |   |
| Plate Offsets (X, Y  | (): [9:0   | )-2-0,Edg  | je], [15:0-2-0,E  | Edge]  |   |   |   |  |   |  |  |   |  |  |   |
| Loading<br>TCLL<br>TCDL<br>BCLL<br>BCDL<br>LUMBER<br>TOP CHORD<br>BOT CHORD<br>WEBS<br>OTHERS  | 2x4 SP No.2/<br>2x4 SP No.2/<br>2x4 SP No.3/<br>2x4 SP No.3/<br>2x4 SP No.3/             | (psf)<br>40.0<br>10.0<br>0.0<br>5.0<br>(flat)<br>(flat)<br>(flat)<br>(flat)                                    | Spacing<br>Plate Grip D<br>Lumber DO<br>Rep Stress<br>Code  | DOL<br>L<br>Incr   | 1-7-3<br>1.00<br>1.00<br>YES<br>IRC2015/TPI2014   | CSI<br>TC<br>BC<br>WB<br>Matrix-SH  | 0.4<br>0.9<br>0.3<br>BRACI<br>TOP CI<br>BOT CI  | A DE<br>6 Ve<br>0 Ve<br>2 Ho<br>10<br>10<br>10<br>10<br>RD | FL<br>rt(LL)<br>rt(CT)<br>rz(CT)<br>S<br>v<br>F | in<br>-0.15<br>-0.20<br>0.04<br>Structural<br>rerticals.<br>Rigid ceilir | (loc)<br>11-12<br>11-12<br>9<br>wood shing directl | l/defl<br>>999<br>>788<br>n/a<br>eathing di | L/d<br>480<br>360<br>n/a<br>rectly a<br>or 10-0  | PLATES<br>MT20<br>Weight: 66 lb<br>applied or 6-0-0 o<br>0-0 oc bracing. | <b>GRIP</b><br>244/190<br>FT = 20%F, 11%E |
| REACTIONS<br>FORCES<br>TOP CHORD<br>BOT CHORD<br>WEBS<br>NOTES<br>1) Unbalance<br>2) This truss i<br>TPI 1.<br>3) Recomment<br>to walls at t | (Ib/size<br>d floor live load<br>is designed in a<br>nd 2x6 strongbz<br>their outer ends | e) 9:<br>(lb) - Max<br>2-3=-138<br>14-15=0/<br>7-9=-101<br>Is have b<br>accordanc<br>acks, on (<br>s or restra | =587/0-3-8, (n<br>x. Comp./Max<br>32/0, 3-4=-222<br>/862, 13-14=0,<br>11/0, 2-15=-10<br>ween considerence with the 20<br>edge, spaced<br>ained by other | nin. 0-1-8),<br>. Ten All<br>55/0, 4-5=-2<br>/1893, 12-1<br>20/0, 7-10=<br>ed for this of<br>15 Internat<br>at 10-00-0<br>r means. | 15=587/0-3-8, (min. 0-1-8<br>forces 250 (lb) or less exci<br>225/0, 5-6=-2103/0, 6-7=-<br>13=0/2225, 11-12=0/2225,<br>=0/663, 2-14=0/635, 6-10=<br>design.<br>ional Residential Code sec<br>0 oc and fastened to each | )<br>ept when show<br>1399/0<br>10-11=0/1915<br>-630/0, 3-14=-<br>ctions R502.11<br>truss with 3-10   | n.<br>, 9-10=0/855<br>623/0, 6-11=0<br>.1 and R802.1<br>bd (0.131" X 3                  | '302, 3-<br>0.2 and<br>) nails.                            | 13=0/553, 5<br>I referenced<br>Strongback       | 5-11=-324<br>standard<br>xs to be a                                      | /43<br>ANSI/<br>ttached                            |   |  |  |   |
|  |  |  |   |  |   |   |   |  |   |  |  |   | and a state of the | ORTH CA  | AROLINA<br>SIONA<br>AL<br>68<br>2022      |

This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation by component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFPI plant. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, erection and bracing available from SBCA and Truss Plate Institute.



| Job      | Truss | Truss Type | Qty | Ply | RED DOOR\WESTOVER CLASSIC 2F |
|----------|-------|------------|-----|-----|------------------------------|
| 72270103 | F102  | Truss      | 12  | 1   | Job Reference (optional)     |

UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Micah Clayton

1)

2) 3)

4) 5)

6)

1)





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| Job      | Truss | Truss Type | Qty         | Ply | RED DOOR\WESTOVER CLASSIC 2F |
|----------|-------|------------|-------------|-----|------------------------------|
| 72270103 | F103  | Truss      | 1           | 1   | Job Reference (optional)     |
|          |       | D 0510.01  | 00.0004 D : |     |                              |



This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation bit incorporation bit is presented by a UFPI plant. Bracing shown is for lateral support of the support. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFPI plant. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, erection and bracing available from SBCA and Truss Plate Institute.



| Job   | Truss  |  | Truss Type  |  | Qty  | Ply  | RE                        | D DOOR                             | WEST          | OVER                 | CLASSIC 2F                            |   |
|---|--|--|---|--|--|--|---------------------------|------------------------------------|---------------|----------------------|---------------------------------------|---|
| 72270103  | L100   |  | Truss   |  | 1  | 1  | Jo                        | Referen                            | ce (opti      | ional)               |                                       |   |
| UFP Mid Atlantic LLC, 5631 S. N   | IC 62, Burl  | lington, NC, Micah Clay  | ton   | Run: 8.51 S  | Oct 22 202                                   | 1 Print: 8.51  | 0 S Oct 2                 | 2 2021 MiT                         | ek Indus      | tries, In            | c. Mon May 02 12                      | ::58:35 Page: 1                           |
| 1-0-0<br>1-0-0<br>1-0-0<br>1-0-0  | 0-0-0-<br>   | 0-1-8<br>23<br>3x3=  | 2 3<br>ST<br>22 21  | 4 5<br>20 19   | 6<br>18<br>13-8-8<br>13-8-8                  |  | 8                         | 9                                  |               | 10                   | 0-1-8<br>112<br>25<br>13<br>3x5=      | 0-8-8<br>0-8-8<br>0-8-8<br>0-3-8<br>0-3-8 |
| Scale = 1:35.5<br><br>Loading<br>TCLL   | (psf)<br>40.0  | <b>Spacing</b><br>Plate Grip DOL   | 2-0-0<br>1.00   | CSI<br>TC  | 0.09   | DEFL<br>Vert(LL)   | ir<br>n/a                 | (loc)                              | l/defl<br>n/a | L/d<br>999           | PLATES<br>MT20                        | <b>GRIP</b><br>244/190                    |
| TCDL<br>BCLL  | 10.0<br>0.0  | Lumber DOL<br>Rep Stress Incr  | 1.00<br>NO  | BC<br>WB   | 0.02<br>0.03                                 | Vert(TL)<br>Horiz(TL)  | n/a<br>0.00               | -<br>13                            | n/a<br>n/a    | 999<br>n/a           |                                       |   |
| BCDL  | 5.0  | Code   | IRC2015/TPI2014   | Matrix-R   |  |  |                           |                                    |               |                      | Weight: 56 lb                         | FT = 20%F, 11%E                           |
| TOP CHORD 2x4 SP No.2<br>BOT CHORD 2x4 SP No.2<br>WEBS 2x4 SP No.3<br>OTHERS 2x4 SP No.3<br><b>REACTIONS</b> All be:<br>(lb) - Max O<br>FORCES<br>TOP CHORD<br>NOTES<br>1) All plates are 1.5x3 MT2O<br>2) Gable requires continuou<br>3) Truss to be fully sheathed<br>4) Gable studs spaced at 1-<br>5) This truss is designed in a<br>TPI 1.<br>6) Load case(s) 1 has/have<br>7) Recommend 2x6 strongb<br>to walls at their outer end<br>LOAD CASE(S) Standar<br>1) Dead + Floor Live (balar<br>Uniform Loads (lb/ft)<br>Vert: 1=- | 2(flat)<br>2(flat)<br>3(flat)<br>3(flat) *Exc<br>arings 13-<br>Grav All<br>22<br>(lb) - Max<br>23-24=-3<br>) unless ot<br>is bottom of<br>d from one<br>4-0 oc.<br>accordance<br>been mod<br>accordance<br>been mod<br>accordance<br>been mod<br>accordance<br>been mod<br>accordance<br>been mod<br>23=-10, 1-<br>261 | ept* 13-25:2x4 SP No.2<br>8-8.<br>I reactions 250 (lb) or le<br>except 23=313 (LC 1)<br>. Comp./Max. Ten All<br>11/0, 1-24=-310/0<br>therwise indicated.<br>shord bearing.<br>a face or securely brace<br>with the 2015 Internation<br>iffied. Building designer<br>edge, spaced at 10-00-0<br>ined by other means.<br>hber Increase=1.00, Pla<br>-12=-100 | 2(flat)<br>ss at joint(s) 13, 14, 15, 16,<br>forces 250 (lb) or less exce<br>d against lateral movement<br>tional Residential Code sec<br>must review loads to verify<br>00 oc and fastened to each<br>te Increase=1.00 | , 17, 18, 19, 20, 21,<br>apt when shown.<br>(i.e. diagonal web).<br>tions R502.11.1 and<br>that they are correc<br>truss with 3-10d (0.1 | I R802.10.2<br>t for the inte<br>31" X 3") n | RD<br>RD<br>2 and reference<br>anded use of<br>ails. Strongb | Structuvertica<br>Rigid c | ral wood sh<br>s.<br>siling direct | ly applie     | directly<br>d or 10- | applied or 6-0-0 c<br>0-0 oc bracing. | ROUNT A                                   |

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| Job  |  | Truss  |  | Truss Type  |   | Qty                        | Ply                          | RED                                | DOOR                | WESTO      | OVER   | CLASSIC 2F         |   |
|--|--|--|--|---|---|----------------------------|------------------------------|------------------------------------|---------------------|------------|--|--------------------|---|
| 72270103   |  | L101   |  | Truss   |   | 1                          | 1                            | Job I                              | Reference           | ce (optio  | onal)  |                    |   |
| UFP Mid Atlantic LL  | LC, 5631 S. NO   | C 62, Bur  | lington, NC, Micah Cla   | /ton  | Run: 8.51 S   | Oct 22 202                 | 1 Print: 8.51                | 0 S Oct 22 2                       | 021 MiTe            | k Indust   | ries, Inc  | c. Mon May 02 12   | 2:58:35 Page: 1   |
|  |  |  |  |   |   |                            | ID:7?N0sV                    | 'K_T9fah1dx                        | vpJuTfzd            | Gdw-vTa    | IRcDjAj  | E5dN41btCXkqh      | JZ08jCwMliGohxpEzKYL2   |
| 1-0-0  | / / /<br>-0-0<br>0-8-8   | 0-8-8-0  | 0-1-8<br>#<br>8°E 2<br>B <sup>1</sup> /4<br>B <sup>1</sup> | 2 3<br>ST   | 4 5   | 6                          |                              | 8                                  | 9                   |            | 10   | 0-1-8              | 0-8-8<br>0-8-8<br>0-8-8<br>0-8-8<br>0-3-8                             |
|  |  |  | 23   | 22 21   | ××××××××××××××××××××××××××××××××××××××                                | <u>(XXXXX</u><br>18        | <u>××××××</u><br>17          | <u>&lt;&lt;&lt;&lt;&lt;&lt;</u> 16 | ×××××<br>15         |            | <u>&lt;×××</u><br>14   | 13                 |   |
|  |  |  | 3x3=   |   |   |                            |                              |                                    |                     |            |  | 3x5=               |   |
|  |  |  | L  |   |   | 13-8-8                     |                              |                                    |                     |            |  | L                  |   |
|  |  |  | <i>∤</i> ──  |   |   | 13-8-8                     |                              |                                    |                     |            |  |                    |   |
|  |  |  |  |   |   |                            |                              |                                    |                     |            |  |                    |   |
| Scale = 1:35.5   |  |  |  |   |   |                            |                              |                                    |                     |            |  |                    |   |
| Loading  |  | (psf)  | Spacing  | 2-0-0   | CSI   |                            | DEFL                         | in                                 | (loc)               | l/defl     | L/d  | PLATES             | GRIP  |
| TCLL<br>TCDL   |  | 40.0<br>10.0   | Plate Grip DOL<br>Lumber DOL   | 1.00<br>1.00  | TC<br>BC  | 0.09<br>0.03               | Vert(LL)<br>Vert(TL)         | n/a<br>n/a                         | -                   | n/a<br>n/a | 999<br>999   | MT20               | 244/190   |
| BCLL   |  | 0.0  | Rep Stress Incr  | YES   | WB<br>Matrix-R  | 0.03                       | Horiz(TL)                    | 0.00                               | 13                  | n/a        | n/a  | Weight: 56 lb      | FT - 20%F 11%F  |
|  |  | 5.0  | Code   |   | Wath A-IX   |                            |                              |                                    |                     |            |  | Weight. 50 lb      | 1 1 - 20 /01 , 11 /0E   |
| TOP CHORD  | 2x4 SP No.2(   | flat)  |  |   |   | TOP CHO                    | RD                           | Structural                         | wood sh             | eathing o  | lirectly   | applied or 6-0-0 o | oc purlins, except end  |
| BOT CHORD<br>WEBS  | 2x4 SP No.2(<br>2x4 SP No.3(   | flat)<br>(flat)  |  |   |   | BOT CHO                    | RD                           | Verticais.<br>Rigid ceili          | ng directl          | y applied  | or 10-   | 0-0 oc bracing.    |   |
| OTHERS   | 2x4 SP No.3(   | flat)  |  |   |   |                            |                              |                                    |                     |            |  |                    |   |
| REACTIONS  | All bea<br>(lb) - Max G  | rav Al   | 8-8.<br>I reactions 250 (lb) or l  | ess at joint(s) 13, 14, 15, 16,   | , 17, 18, 19, 20, 21,   |                            |                              |                                    |                     |            |  |                    |   |
|  |  | 22   | 2, 23<br>Comp (Max Tan Al  | l forces 250 (lb) or less exce  | ept when shown.   |                            |                              |                                    |                     |            |  |                    |   |
| FORCES   | (  | (lb) - Max   | . Comp./wax. ren A   |   |   |                            |                              |                                    |                     |            |  |                    |   |
| FORCES<br>NOTES  | (  | (lb) - Max   | borwiss indicated  |   |   |                            |                              |                                    |                     |            |  |                    |   |
| FORCES<br>NOTES<br>1) All plates an<br>2) Gable requi  | (<br>re 1.5x3 MT20<br>ires continuous  | (lb) - Max<br>unless of<br>bottom (  | herwise indicated.   |   | <i>(</i> , , , , , , , , , , , , , , , , , , ,                        |                            |                              |                                    |                     |            |  |                    |   |
| FORCES<br>NOTES<br>1) All plates and<br>2) Gable required<br>3) Truss to be<br>4) Gable studs  | (<br>re 1.5x3 MT20<br>fres continuous<br>fully sheathed<br>s spaced at 1-4   | (Ib) - Max<br>unless of<br>bottom of<br>from one<br>-0 oc.   | herwise indicated.<br>chord bearing.<br>face or securely brace   | ed against lateral movement   | (i.e. diagonal web).  |                            |                              |                                    |                     |            |  |                    |   |
| FORCES<br>NOTES<br>1) All plates arr<br>2) Gable requir<br>3) Truss to be<br>4) Gable studs<br>5) This truss is<br>TPI 1.                                  | (<br>re 1.5x3 MT20<br>ires continuous<br>fully sheathed<br>s spaced at 1-4<br>s designed in a                                      | (Ib) - Max<br>unless of<br>bottom of<br>from one<br>-0 oc.<br>ccordanc                                 | therwise indicated.<br>shord bearing.<br>face or securely brace<br>with the 2015 Interna   | ed against lateral movement   | (i.e. diagonal web).<br>tions R502.11.1 and                           | I R802.10.2                | and referen                  | ced standar                        | ANSI/               |            |  |                    |   |
| FORCES<br>NOTES<br>1) All plates ar<br>2) Gable requi<br>3) Truss to be<br>4) Gable studs<br>5) This truss is<br>TPI 1.<br>6) Recommend<br>to walls at th  | (<br>re 1.5x3 MT20<br>ires continuous<br>fully sheathed<br>s spaced at 1-4<br>s designed in a<br>d 2x6 strongba<br>heir outer ends | (Ib) - Max<br>unless of<br>bottom of<br>from one<br>-0 oc.<br>ccordanc<br>acks, on e<br>s or restra    | herwise indicated.<br>chord bearing.<br>a face or securely brace<br>with the 2015 Interna<br>edge, spaced at 10-00-<br>ined by other means.  | ed against lateral movement<br>ational Residential Code sec<br>00 oc and fastened to each | (i.e. diagonal web).<br>tions R502.11.1 and<br>truss with 3-10d (0.1  | l R802.10.2<br>31" X 3") n | and referen<br>ails. Strongl | ced standard<br>backs to be a      | d ANSI/<br>attached |            |  |                    |   |
| FORCES<br>NOTES<br>1) All plates an<br>2) Gable requi<br>3) Truss to be<br>4) Gable studs<br>5) This truss is<br>TPI 1.<br>6) Recommend<br>to walls at th  | (<br>res continuous<br>fully sheathed<br>s spaced at 1-4<br>s designed in a<br>d 2x6 strongba<br>heir outer ends                   | (lb) - Max<br>unless of<br>bottom of<br>from one<br>I-0 oc.<br>ccordanc<br>acks, on e<br>or restra     | therwise indicated.<br>chord bearing.<br>face or securely brace<br>with the 2015 Interna<br>edge, spaced at 10-00-<br>ined by other means.   | ed against lateral movement<br>ttional Residential Code sec<br>00 oc and fastened to each | (i.e. diagonal web).<br>ttions R502.11.1 and<br>truss with 3-10d (0.1 | l R802.10.2<br>31" X 3") n | and referen<br>ails. Strongl | ced standard                       | d ANSI/<br>attached |            |  |                    |   |
| FORCES<br>NOTES<br>1) All plates ar<br>2) Gable requi<br>3) Truss to be<br>4) Gable studs<br>5) This truss is<br>TPI 1.<br>6) Recommend<br>to walls at th  | (<br>re 1.5x3 MT20<br>rres continuous<br>fully sheathed<br>s spaced at 1-4<br>s designed in a<br>d 2x6 strongba<br>heir outer ends | (lb) - Max<br>unless of<br>bottom of<br>from one<br>-0 oc.<br>ccordanc<br>acks, on e<br>s or restra    | therwise indicated.<br>chord bearing.<br>a face or securely brace<br>we with the 2015 Interna-<br>adge, spaced at 10-00-<br>ined by other means.   | ed against lateral movement<br>ational Residential Code sec<br>00 oc and fastened to each | (i.e. diagonal web).<br>tions R502.11.1 and<br>truss with 3-10d (0.1  | l R802.10.2<br>31" X 3") n | and referen<br>ails. Strongl | ced standard                       | d ANSI/<br>attached |            |  |                    |   |
| FORCES<br>NOTES<br>1) All plates arr<br>2) Gable requi<br>3) Truss to be<br>4) Gable studs<br>5) This truss is<br>7PI 1.<br>6) Recommend<br>to walls at th | (<br>res continuous<br>fully sheathed<br>s spaced at 1-4<br>d edesigned in a<br>d 2x6 strongba<br>heir outer ends                  | (lb) - Max<br>unless of<br>s bottom of<br>from one<br>-0 oc.<br>ccordanc<br>acks, on e<br>s or restra  | therwise indicated.<br>chord bearing.<br>face or securely brace<br>with the 2015 Interna<br>edge, spaced at 10-00-<br>ined by other means.   | ed against lateral movement<br>ational Residential Code sec                               | (i.e. diagonal web).<br>tions R502.11.1 and<br>truss with 3-10d (0.1  | I R802.10.2<br>31" X 3") n | and referen<br>ails. Strongl | ced standard                       | d ANSI/<br>attached |            |  |                    |   |
| FORCES<br>NOTES<br>1) All plates ar<br>2) Gable requi<br>3) Truss to be<br>4) Gable studs<br>5) This truss is<br>TPI 1.<br>6) Recommend<br>to walls at th  | (<br>re 1.5x3 MT20<br>rres continuous<br>fully sheathed<br>a spaced at 1-4<br>s designed in a<br>d 2x6 strongba<br>heir outer ends | (lb) - Max<br>unless of<br>s bottom of<br>from one<br>I-0 oc.<br>ccordanc<br>acks, on e<br>s or restra | therwise indicated.<br>chord bearing.<br>a face or securely brace<br>with the 2015 Interna-<br>adge, spaced at 10-00-<br>ined by other means.  | ed against lateral movement<br>ational Residential Code sec                               | (i.e. diagonal web).<br>tions R502.11.1 and<br>truss with 3-10d (0.1  | I R802.10.2<br>31" X 3") n | and referen<br>ails. Strongl | ced standard                       | d ANSI/<br>attached |            |  |                    |   |
| FORCES<br>NOTES<br>1) All plates arr<br>2) Gable requi<br>3) Truss to be<br>4) Gable studs<br>5) This truss is<br>TPI 1.<br>6) Recommend<br>to walls at th | (<br>res continuous<br>fully sheathed<br>s spaced at 1-4<br>d esigned in a<br>d 2x6 strongba<br>heir outer ends                    | (b) - Max<br>unless of<br>s bottom of<br>from one<br>-O oc.<br>ccordanc<br>acks, on e<br>s or restra   | therwise indicated.<br>chord bearing.<br>face or securely brace<br>with the 2015 Interna-<br>edge, spaced at 10-00-<br>ined by other means.  | ed against lateral movement<br>ational Residential Code sec<br>00 oc and fastened to each | (i.e. diagonal web).<br>tions R502.11.1 and<br>truss with 3-10d (0.1  | l R802.10.2<br>31" X 3") n | and referen<br>ails. Strongl | ced standard                       | d ANSI/<br>attached |            |  |                    |   |
| FORCES<br>NOTES<br>1) All plates ar<br>2) Gable requi<br>3) Truss to be<br>4) Gable studs<br>5) This truss is<br>TPI 1.<br>6) Recommend<br>to walls at th  | (<br>re 1.5x3 MT20<br>res continuous<br>fully sheathed<br>s spaced at 1-4<br>s designed in a<br>d 2x6 strongba<br>heir outer ends  | (b) - Max<br>unless of<br>s bottom of<br>from one<br>I-0 oc.<br>ccordanc<br>acks, on e<br>s or restra  | therwise indicated.<br>chord bearing.<br>a face or securely brace<br>we with the 2015 Interna-<br>adge, spaced at 10-00-<br>ined by other means.   | ed against lateral movement<br>ational Residential Code sec<br>00 oc and fastened to each | (i.e. diagonal web).<br>tions R502.11.1 and<br>truss with 3-10d (0.1  | l R802.10.2<br>31" X 3") n | and referen<br>ails. Strongl | ced standard                       | d ANSI/<br>attached |            |  |                    |   |
| FORCES<br>NOTES<br>1) All plates ar<br>2) Gable requi<br>3) Truss to be<br>4) Gable studs<br>5) This truss is<br>TPI 1.<br>6) Recommend<br>to walls at th  | (<br>re 1.5x3 MT20<br>res continuous<br>fully sheathed<br>a spaced at 1-4<br>s designed in a<br>d 2x6 strongba<br>heir outer ends  | (b) - Max<br>unless of<br>bottom of<br>from one<br>-O oc.<br>ccordanc<br>acks, on e<br>or restra       | berryise indicated.<br>chord bearing.<br>a face or securely brace<br>are with the 2015 Interna-<br>adge, spaced at 10-00-<br>ined by other means.  | ed against lateral movement<br>ational Residential Code sec<br>00 oc and fastened to each | (i.e. diagonal web).<br>tions R502.11.1 and<br>truss with 3-10d (0.1  | I R802.10.2<br>31" X 3") n | and referen<br>ails. Strongl | ced standard                       | d ANSI/<br>attached |            | and a second sec | OR OFESS           | AROLINI   |
| FORCES<br>NOTES<br>1) All plates ar<br>2) Gable requi<br>3) Truss to be<br>4) Gable studs<br>5) This truss is<br>TPI 1.<br>6) Recomment<br>to walls at th  | (<br>re 1.5x3 MT20<br>res continuous<br>fully sheathed<br>s spaced at 1-4<br>s designed in a<br>d 2x6 strongba<br>heir outer ends  | (b) - Max<br>unless of<br>s bottom of<br>from one<br>-0 oc.<br>ccordanc<br>acks, on e<br>s or restra   | bornp./wiax. ren Al<br>herwise indicated.<br>chord bearing.<br>a face or securely brace<br>we with the 2015 Interna<br>adge, spaced at 10-00-<br>ined by other means.  | ed against lateral movement<br>ational Residential Code sec<br>00 oc and fastened to each | (i.e. diagonal web).<br>ttions R502.11.1 and<br>truss with 3-10d (0.1 | l R802.10.2<br>31" X 3") n | and referen<br>ails. Strongl | ced standard                       | d ANSI/             |            |  | ORTH CA            | ROUNT   |
| FORCES<br>NOTES<br>1) All plates ar<br>2) Gable requi<br>3) Truss to be<br>4) Gable studs<br>5) This truss is<br>TPI 1.<br>6) Recommend<br>to walls at th  | (<br>res continuous<br>fully sheathed<br>s gaced at 1-4<br>s designed in a<br>d 2x6 strongba<br>heir outer ends                    | (b) - Max<br>unless of<br>s bottom of<br>from one<br>-O oc.<br>ccordanc<br>acks, on e<br>s or restra   | berryise indicated.<br>chord bearing.<br>face or securely brack<br>with the 2015 Interna-<br>edge, spaced at 10-00-<br>ined by other means.  | ed against lateral movement<br>ational Residential Code sec<br>00 oc and fastened to each | (i.e. diagonal web).<br>tions R502.11.1 and<br>truss with 3-10d (0.1  | I R802.10.2<br>31" X 3") n | and referen<br>ails. Strongl | ced standard                       | d ANSI/<br>attached |            |  | ORTH CA            | AROLINA<br>SIONAZ   |
| FORCES<br>NOTES<br>1) All plates ar<br>2) Gable requi<br>3) Truss to be<br>4) Gable studs<br>5) This truss is<br>TPI 1.<br>6) Recommend<br>to walls at th  | (<br>re 1.5x3 MT20<br>rres continuous<br>fully sheathed<br>s spaced at 1-4<br>s designed in a<br>d 2x6 strongba<br>heir outer ends | (b) - Max<br>unless of<br>s bottom of<br>from one<br>-0 oc.<br>ccordanc<br>acks, on e<br>s or restra   | berrupping the second s   | ed against lateral movement<br>ational Residential Code sec<br>00 oc and fastened to each | (i.e. diagonal web).<br>ttions R502.11.1 and<br>truss with 3-10d (0.1 | l R802.10.2<br>31" X 3") n | and referen<br>ails. Strongl | ced standard                       | d ANSI/<br>attached | C          |  | ORTH CA            | AROUNT<br>SIONA<br>AL<br>68<br>2022                                   |
| FORCES<br>NOTES<br>1) All plates ar<br>2) Gable requi<br>3) Truss to be<br>4) Gable stud<br>5) This truss is<br>TPI 1.<br>6) Recomment<br>to walls at th   | (<br>res continuous<br>fully sheathed<br>s spaced at 1-4<br>s designed in a<br>d 2x6 strongba<br>heir outer ends                   | (b) - Max<br>unless of<br>s bottom of<br>from one<br>-0 oc.<br>ccordanc<br>acks, on e<br>or restra     | berrup wax fem. An<br>therwise indicated.<br>shord bearing.<br>face or securely brace<br>with the 2015 Interna<br>adge, spaced at 10-00-<br>ined by other means.   | ed against lateral movement<br>ational Residential Code sec<br>00 oc and fastened to each | (i.e. diagonal web).<br>tions R502.11.1 and<br>truss with 3-10d (0.1  | l R802.10.2<br>31" X 3") n | and referen<br>ails. Strongl | ced standar                        | d ANSI/<br>attached | C          | and the second s | ORTH CA            | AROLINA<br>1000<br>1000<br>1000<br>1000<br>1000<br>1000<br>1000<br>10 |

This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of a governing codes and ordinances. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building. Certification is valid only when truss is fabricated by a UFPI plant. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, erection and bracing available from SBCA and Truss Plate Institute.



| Job  | Truss   |  | Truss Type  |  | Qty  | Ply                    |                    | RED DO  | )<br>OR\V                  | VESTO          | OVER   | CLASSIC 2F  |  |
|--|---|--|---|--|--|------------------------|--------------------|---|----------------------------|----------------|--|---|--|
| 72270103   | L102  |  | Truss   |  | 2  |                        | 1                  | Job Ref   | erence                     | e (optio       | onal)  |   |  |
| UFP Mid Atlantic LLC, 5631 S   | . NC 62, Bu   | rlington, NC, Micah Clay   | /ton  | Run: 8.51 S  | Oct 22 202   | 1 Print: 8.5           | 10 S C             | Oct 22 2021   | MiTel                      | < Indust       | ries, In   | c. Mon May 02 12:                                   | 58:35 Page: 1                              |
|  |   |  |   |  |  | ID:?mcXit              | NUXOA              | A09ewi8fNo  | dVzdG                      | Gds-vTa        | RcDjAj   | E5dN41btCXkqhJ2                                     | Zi8jGwMHiGohxpEzKYL2                       |
|  | 0-8-8<br>0-3-8  | 0-1-8<br>1 2<br>8<br>27 26<br>3x3=   | 3 4<br>25 24  | 5 6<br>B1<br>23 22   | 7<br>21<br><u>16-3-8</u><br>16-3-8                           | 8 <sub>T1</sub>        | 9<br>1918<br>x6 FP | 10<br>  |                            | 11<br>B2<br>16 | 1  | 0-3-0<br>+<br>2<br>13<br>2<br>30<br>5<br>14<br>3x3= | (-1-0-0<br>-8-8<br>0-8-8<br>0-3-8<br>0-3-8 |
| Scale = 1:39.4<br>Loading<br>TCLL  | (psf)<br>40.0   | <b>Spacing</b><br>Plate Grip DOL   | 2-0-0<br>1.00   | CSI<br>TC  | 0.11   | DEFL<br>Vert(LL)       |                    | in (I<br>n/a  | oc)<br>-                   | l/defl<br>n/a  | L/d<br>999   | PLATES<br>MT20                                      | <b>GRIP</b><br>244/190                     |
| TCDL<br>BCLL   | 10.0<br>0.0   | Lumber DOL<br>Rep Stress Incr  | 1.00<br>NO  | BC<br>WB   | 0.02<br>0.03   | Vert(TL)<br>Horiz(TL)  |                    | n/a<br>0.00   | -<br>14                    | n/a<br>n/a     | 999<br>n/a   |   |  |
| BCDL   | 5.0   | Code   | IRC2015/TPI2014   | Matrix-R   |  |                        |                    |   |                            |                |  | Weight: 64 lb                                       | FT = 20%F, 11%E                            |
| LUMBER<br>TOP CHORD 2x4 SP N<br>BOT CHORD 2x4 SP N<br>WEBS 2x4 SP N<br>OTHERS 2x4 SP N<br>REACTIONS All<br>(lb) - Ma<br>FORCES<br>NOTES<br>1) All plates are 1.5x3 M<br>2) Gable requires continu<br>3) Truss to be fully sheat<br>4) Gable studs spaced ar<br>5) This truss is designed<br>TPI 1.<br>6) Recommend 2x6 stror<br>to walls at their outer of | o.2(flat)<br>o.2(flat)<br>o.3(flat)<br>o.3(flat)<br>bearings 16<br>x Grav A<br>2<br>(lb) - Ma<br>20 unless 0<br>ous bottom<br>ned from on<br>1-4-0 oc.<br>in accordan<br>gbacks, on<br>nds or restr | 3-3-8.<br>Il reactions 250 (lb) or le<br>24, 25, 26, 27<br>Ix. Comp./Max. Ten All<br>otherwise indicated.<br>chord bearing.<br>In face or securely brace<br>ace with the 2015 Interna<br>edge, spaced at 10-00-0<br>rained by other means. | ess at joint(s) 14, 15, 16, 17,<br>I forces 250 (Ib) or less exce<br>ed against lateral movement<br>tional Residential Code sec<br>20 oc and fastened to each | 18, 20, 21, 22, 23,<br>pt when shown.<br>(i.e. diagonal web).<br>tions R502.11.1 and<br>truss with 3-10d (0.13 | BRACING<br>TOP CHOR<br>BOT CHOR<br>R802.10.2<br>31" X 3") na | RD<br>RD<br>and refere | Str<br>ve<br>Rig   | ructural wo<br>rticals.<br>gid ceiling o<br>standard AN | od she<br>directly<br>ISI/ | athing c       | lirectly or 10-  | applied or 6-0-0 oc                                 | purlins, except end                        |
|  |   |  |   |  |  |                        |                    |   |                            | C              | and the second s | SEA<br>04270<br>5/2/2<br>04270<br>5/2/2<br>04270    | ROUNS<br>ONAL<br>DUIN                      |

This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFPI plant. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, erection and bracing available from SBCA and Truss Plate Institute.

