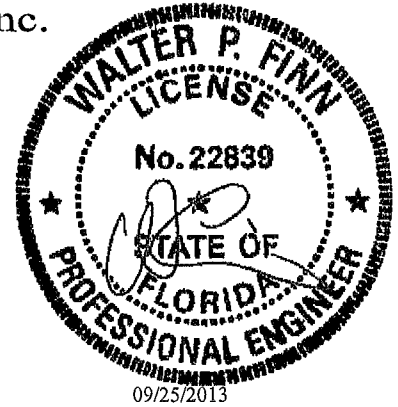


ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID 1UZX215-Z0125051045



Truss Fabricator: **W.B. Howland**
Job Identification: **8362-/ADDITION /Plumb Level Construction -- , FL**
Truss Count: **8**
Model Code: **Florida Building Code 2010**
Truss Criteria: **FBC2010Res/TPI-2007(STD)**
Engineering Software: **Alpine Software, Version 12.03.**
Structural Engineer of Record: **The identity of the structural EOR did not exist as of**
Address: **the seal date per section 61615-31.003(5a) of the FAC**
Minimum Design Loads: **Roof - 40.0 PSF @ 1.25 Duration**
Floor - N/A
Wind - 130 MPH ASCE 7-10 -Closed

Notes

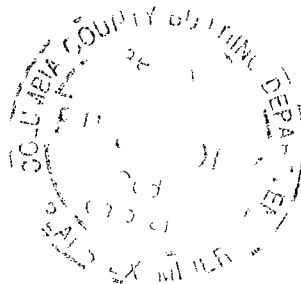
1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR215

Walter P Finn
-Truss Design Engineer-

1950 Marley Drive
Haines City, FL 33844

Details: -

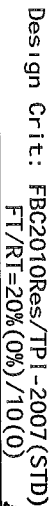
| # | Ref | Description | Drawing# | Date |
|---|------------|-------------|----------|----------|
| 1 | 80848--A | | 13268001 | 09/25/13 |
| 2 | 80849--A1 | | 13268002 | 09/25/13 |
| 3 | 80850--A2 | | 13268008 | 09/25/13 |
| 4 | 80851--J | | 13268004 | 09/25/13 |
| 5 | 80852--J1 | | 13268005 | 09/25/13 |
| 6 | 80853--J2 | | 13268006 | 09/25/13 |
| 7 | 80854--J3 | | 13268007 | 09/25/13 |
| 8 | 80855--J4. | | 13268003 | 09/25/13 |



THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located
anywhere in roof, RISK CAT II, EXP C, wind TC DL=5 0 psf, wind BC
DL=5 0 psf GCpi(+/-)=0 18

Wind loads and reactions based on MMFRS with additional C&C member design



12.05.05.0416.17 QTY

Scale = .3125" / ft.

2003

0400 --017N 17N

5

DATE 09/25/13

5

DRW HCUSR215 13268001

THE

HC-ENG AD/AD

23

CFONI 216222

30

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 | 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 | 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 | 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 | 321 | 322 | 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330 | 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 340 | 341 | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424 | 425 | 426 | 427 | 428 | 429 | 430 | 431 | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 | 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460 | 461 | 462 | 463 | 464 | 465 | 466 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

STONER

| Nome | Cognome |
|------|---------|
|------|---------|

1997

JREF- 1UZXX215_Z01

1. **Introduction**
 2. **Background**
 3. **Methodology**
 4. **Results**
 5. **Conclusion**
 6. **References**
 7. **Appendix**
 8. **Index**
 9. **Table of Contents**
 10. **Figure 1**
 11. **Figure 2**
 12. **Figure 3**
 13. **Figure 4**
 14. **Figure 5**
 15. **Figure 6**
 16. **Figure 7**
 17. **Figure 8**
 18. **Figure 9**
 19. **Figure 10**
 20. **Figure 11**
 21. **Figure 12**
 22. **Figure 13**
 23. **Figure 14**
 24. **Figure 15**
 25. **Figure 16**
 26. **Figure 17**
 27. **Figure 18**
 28. **Figure 19**
 29. **Figure 20**
 30. **Figure 21**
 31. **Figure 22**
 32. **Figure 23**
 33. **Figure 24**
 34. **Figure 25**
 35. **Figure 26**
 36. **Figure 27**
 37. **Figure 28**
 38. **Figure 29**
 39. **Figure 30**
 40. **Figure 31**
 41. **Figure 32**
 42. **Figure 33**
 43. **Figure 34**
 44. **Figure 35**
 45. **Figure 36**
 46. **Figure 37**
 47. **Figure 38**
 48. **Figure 39**
 49. **Figure 40**
 50. **Figure 41**
 51. **Figure 42**
 52. **Figure 43**
 53. **Figure 44**
 54. **Figure 45**
 55. **Figure 46**
 56. **Figure 47**
 57. **Figure 48**
 58. **Figure 49**
 59. **Figure 50**
 60. **Figure 51**
 61. **Figure 52**
 62. **Figure 53**
 63. **Figure 54**
 64. **Figure 55**
 65. **Figure 56**
 66. **Figure 57**
 67. **Figure 58**
 68. **Figure 59**
 69. **Figure 60**
 70. **Figure 61**
 71. **Figure 62**
 72. **Figure 63**
 73. **Figure 64**
 74. **Figure 65**
 75. **Figure 66**
 76. **Figure 67**
 77. **Figure 68**
 78. **Figure 69**
 79. **Figure 70**
 80. **Figure 71**
 81. **Figure 72**
 82. **Figure 73**
 83. **Figure 74**
 84. **Figure 75**
 85. **Figure 76**
 86. **Figure 77**
 87. **Figure 78**
 88. **Figure 79**
 89. **Figure 80**
 90. **Figure 81**
 91. **Figure 82**
 92. **Figure 83**
 93. **Figure 84**
 94. **Figure 85**
 95. **Figure 86**
 96. **Figure 87**
 97. **Figure 88**
 98. **Figure 89**
 99. **Figure 90**
 100. **Figure 91**
 101. **Figure 92**
 102. **Figure 93**
 103. **Figure 94**
 104. **Figure 95**
 105. **Figure 96**
 106. **Figure 97**
 107. **Figure 98**
 108. **Figure 99**
 109. **Figure 100**
 110. **Figure 101**
 111. **Figure 102**
 112. **Figure 103**
 113. **Figure 104**
 114. **Figure 105**
 115. **Figure 106**
 116. **Figure 107**
 117. **Figure 108**
 118. **Figure 109**
 119. **Figure 110**
 120. **Figure 111**
 121. **Figure 112**
 122. **Figure 113**
 123. **Figure 114**
 124. **Figure 115**
 125. **Figure 116**
 126. **Figure 117**
 127. **Figure 118**
 128. **Figure 119**
 129. **Figure 120**
 130. **Figure 121**
 131. **Figure 122**
 132. **Figure 123**
 133. **Figure 124**
 134. **Figure 125**
 135. **Figure 126**
 136. **Figure 127**
 137. **Figure 128**
 138. **Figure 129**
 139. **Figure 130**
 140. **Figure 131**
 141. **Figure 132**
 142. **Figure 133**
 143. **Figure 134**
 144. **Figure 135**
 145. **Figure 136**
 146. **Figure 137**
 147. **Figure 138**
 148. **Figure 139**
 149. **Figure 140**
 150. **Figure 141**
 151. **Figure 142**
 152. **Figure 143**
 153. **Figure 144**
 154. **Figure 145**
 155. **Figure 146**
 156. **Figure 147**
 157. **Figure 148**
 158. **Figure 149**
 159. **Figure 150**
 160. **Figure 151**
 161. **Figure 152**
 162. **Figure 153**
 163. **Figure 154**
 164. **Figure 155**
 165. **Figure 156**
 166. **Figure 157**
 167. **Figure 158**
 168. **Figure 159**
 169. **Figure 160**
 170. **Figure 161**
 171. **Figure 162**
 172. **Figure 163**
 173. **Figure 164**
 174. **Figure 165**
 175. **Figure 166**
 176. **Figure 167**
 177. **Figure 168**
 178. **Figure 169**
 179. **Figure 170**
 180. **Figure 171**
 181. **Figure 172**
 182. **Figure 173**
 183. **Figure 174**
 184. **Figure 175**
 185. **Figure 176**
 186. **Figure 177**
 187. **Figure 178**
 188. **Figure 179**
 189. **Figure 180**
 190. **Figure 181**
 191. **Figure 182**
 192. **Figure 183**
 193. **Figure 184**
 194. **Figure 185**
 195. **Figure 186**
 196. **Figure 187**
 197. **Figure 188**
 198. **Figure 189**
 199. **Figure 190**
 200. **Figure 191**
 201. **Figure 192**
 202. **Figure 193**
 203. **Figure 194**
 204. **Figure 195**
 205. **Figure 196**
 206. **Figure 197**
 207. **Figure 198**
 208. **Figure 199**
 209. **Figure 200**
 210. **Figure 201**
 211. **Figure 202**
 212. **Figure 203**
 213. **Figure 204**
 214. **Figure 205**
 215. **Figure 206**
 216. **Figure 207**
 217. **Figure 208**

ALPINE

ITW Building Components Group Inc.

Orlando FL, 32837
FL COA #0278

ICC www.iccinfo.org

[illegible]

09/25/2013

| | | |
|--|---|---|
| | 0 | 7 |
| | 3 | 1 |
| | 6 | 8 |
| | 9 | 4 |
| | 2 | 5 |
| | 5 | 9 |
| | 8 | 3 |
| | 1 | 6 |
| | 4 | 2 |
| | 7 | 0 |

632 JOURNAL OF DOCUMENTATION

(8362-/ADDITION /Plumb Level Construction -- , FL - A1)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Bottom chord checked for 10 00 psf non-concurrent live load
The overall height of this truss excluding overhang is 4'-1"

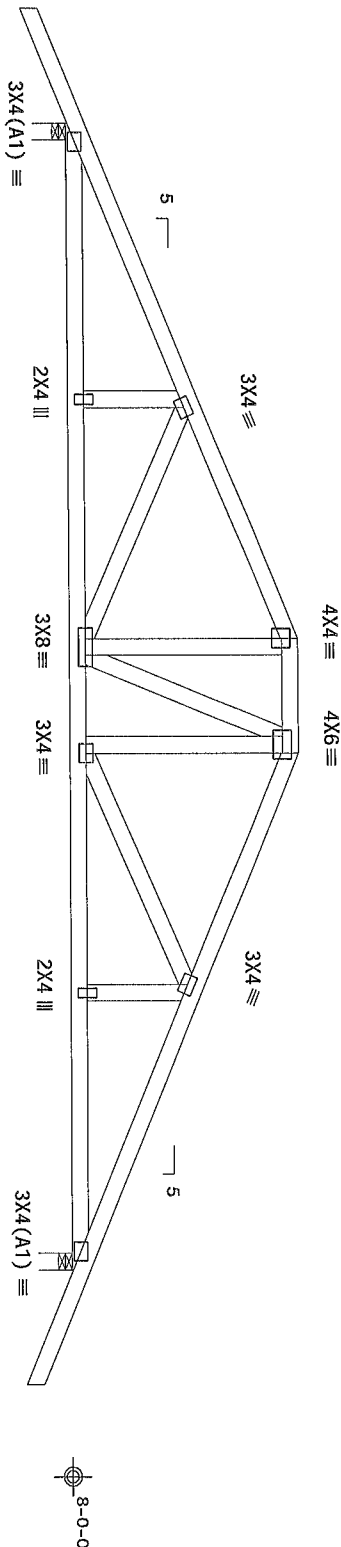
130 mph wind, 15 00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9 00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=5 0 psf, wind BC DL=5 0 psf Gcpl (+/-)=0 18

Wind loads and reactions based on MMFRS with additional C&C member design

Deflection meets L/240 live and L/180 total load Creep increase factor for dead load is 1 50

MMFRS loads based on trusses located at least 7.50 ft from roof edge

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR



R=929 U=180 W=3.5" (3.5" min.)
RL=124/-124

R=929 U=180 W=3.5" (3.5" min.)

PLT TYP. Wave

Design Crit. FBC2010Res/TP1-2007(STD)
FT/RT=20%(0%)/10(0)

IMPORTANT READ AND FOLLOW ALL NOTES ON THIS SHEET

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCS1 (Building Component Safety Information) for bracing instructions. The top chord shall have properly attached structural sheathing and bracing. The bottom chord shall have properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCS1 sections B3, B7 or B10 as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from any failure to build the truss in conformance with ANSI/TP1 1 or for handling, shipping, bracing or covering existing truss drawings. Refer to drawings 1804-Z for standard plate positions, details, unless noted otherwise. The suitability and use of this design for any structural application is the responsibility of the Building Designer per ANSI/TP1 1 Sec 2. For more information see the general notes page ITW-BCG www.itwbcg.com TP1 www.tp1inc.org WTC www.sbcindustry.com, ICC www.iccsafe.org

ALPINE

ITW Building Components Group Inc.

Orlando FL 32837
FL COA #0278

No. 22839

STATE OF FLORIDA

PROFESSIONAL ENGINEER
19/05/2013

| FL/-/1/-/1/-/R/- | Scale = .3125"/Ft. |
|------------------|--------------------|
| TC LL | 20.0 PSF |
| TC DL | 10.0 PSF |
| BC DL | 10.0 PSF |
| BC LL | 0.0 PSF |
| TOT. LD. | 40.0 PSF |
| DUR. FAC. | 1.25 |
| SPACING | 24.0" |
| JREF | 11UZ215_Z01 |

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=5 0 psf, wind BC DL=5 0 psf. GCPI (+/-)=0.18

Wind loads and reactions based on MWFRS

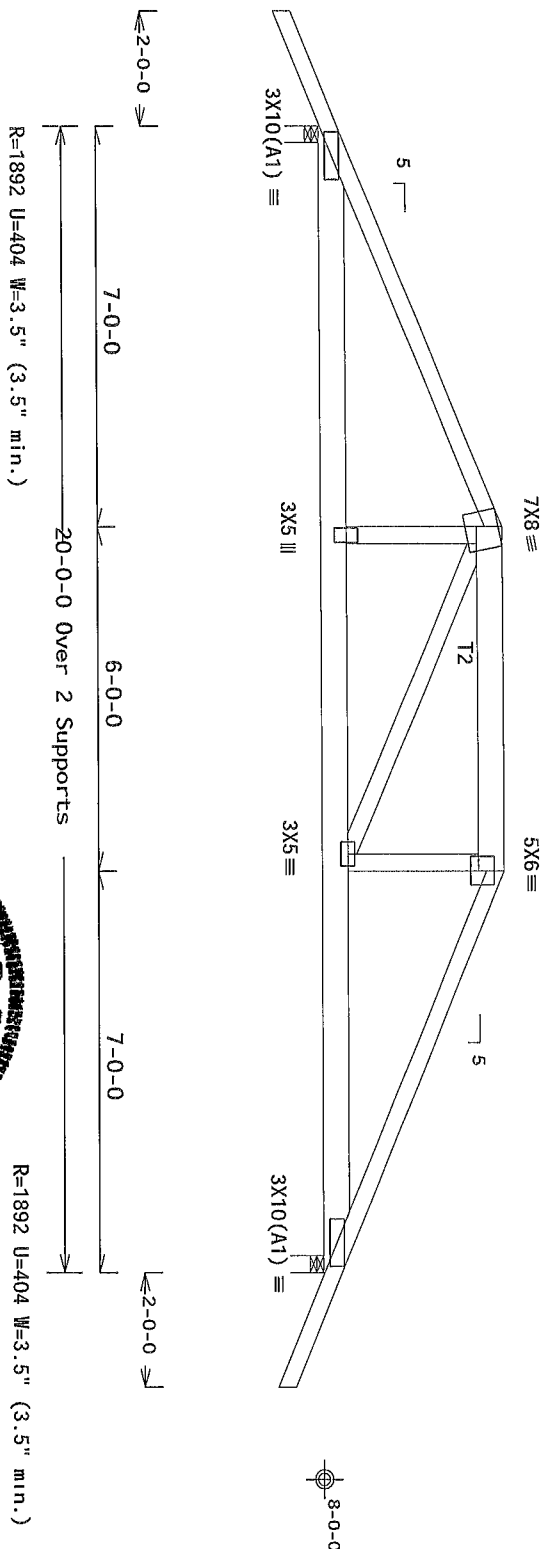
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Bottom chord checked for 10 00 psf non-concurrent live load

Deflection meets L/240 live and L/180 total load Creep increase factor for dead load is 1.50

| | Dur Fac = 1/25 / Plate | Dur Fac = 1/25) |
|---------------------|------------------------|-----------------|
| Special loads | | |
| -----Lumber | | |
| TC- From | 60 pif at -2.00 to | 60 pif at 7.00 |
| TC- From | 30 pif at 7.00 to | 30 pif at 13.00 |
| TC- From | 60 pif at 13.00 to | 60 pif at 22.00 |
| BC- From | 4 pif at -2.00 to | 4 pif at 0.00 |
| BC- From | 20 pif at 0.00 to | 20 pif at 7.03 |
| BC- From | 10 pif at 7.03 to | 10 pif at 12.97 |
| BC- From | 20 pif at 12.97 to | 20 pif at 20.00 |
| BC- From | 4 pif at 20.00 to | 4 pif at 22.00 |
| TC- 296,.91 lb Conc | Load at 7.03, 12.97 | |
| TC- 175.38 lb Conc | Load at 9.06, 10.94 | |
| BC- 485.45 lb Conc | Load at 7.03, 12.97 | |
| BC- 125.41 lb Conc | Load at 9.06, 10.94 | |

The overall height of this truss excluding overhang is 3-3-1



PLT TYP. Wave

Design Crit: FBC2010Res/TP1-2007(STD)
FT/RT=20%(0%)/10(0)

12:03:05.0416:14 Q11

1 FL/-/1/-/-/R/-

Scale = .3125" / Ft.

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

ITW Building Components Group Inc.

Orlando FL, 32837
FL COA #0 278

Tenuses require drawings some care in fabricating handling shipping installing and bracing. Follow the latest edition of BCSI Building Component Sreety Information by TPI and WTCA. practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise top chord shall have properly attached structural sheathing and bottom chord shall have a properly installed per BCSI ceiling. Locations shown for permanent lateral restraint for web shall have bracing indicated per BCSI sections B5 B7 or B10 as applicable.

ITW Building Components Group Inc (ITWBG6) shall not be responsible for any deviation from any failure to build the truss in conformance of Trusses and position as shown above and on the drawings unless noted otherwise. Refer to drawings TB604-2 for standard plate positions. A seal drawing or cover plate listing this drawing indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structural application shall be determined by the Building Designer per ANSI/TPI 1 Sec 2. For more information see the general notes page ITW-BGC www.tbwco.com, TPI www.tpi.net or WTCA www.structurecan

CDC www.leadsafe.org

Professional Engineer Seal for the State of Florida, No. 22839, signed by Walter P. Finn.

| | | | |
|----------|----------|--------|------------------|
| TC LL | 20.0 PSF | REF | R215-- 80850 |
| TC DL | 10.0 PSF | DATE | 09/25/13 |
| BC DL | 10.0 PSF | DRW | HCUS215 13268008 |
| BC LL | 0.0 PSF | HC-ENG | AP/AP |
| TOT.LD. | 40.0 PSF | SEQN- | 216240 |
| DUR.FAC. | 1.25 | FROM | CDM |
| SPACING | 24.0" | JREF- | 1UZX215_Z01 |

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

| | Dur. Fac. = 1 25 / Plate Dur Fac. = 1 25 |
|---------------|------------------------------------------|
| Special loads | |
| -----Lumber | |
| TC- From | 0 pif at -2.83 to 60 pif at 0 00 |
| TC- From | 2 pif at 0 00 to 2 pif at 9.90 |

| Case | Load | Time | Time |
|--------------------|-------------------|---------------|------|
| BC-From | 0 pif at -2 83 to | 4 pif at 0 00 | |
| BC-From | 2 pif at 0.00 to | 2 pif at 9 90 | |
| BC-25 23 1b Conc. | Load at 2 15 | | |
| TC-130 08 1b Conc. | Load at 4.98 | | |

| | | |
|-----|----------------|--------------|
| 1C- | 260 1/ 1b Conc | Load at 1.80 |
| BC- | 20.00 1b Conc | Load at 2 15 |

| | | | | | |
|--------|----|----|------|---------|------|
| BC-110 | 24 | 1b | Conc | Load at | 4.98 |
| BC-191 | 03 | 1b | Conc | Load at | 7.80 |

The overall height of this truss excluding overhang is 3-2-13



RECEIVED
JUN 10 1964
U.S. DEPT. OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C.

Scale = .5"/Ft.

2000

ITW Building Components Group Inc.

Orlando FL, 32837
FL COA #0 278

Trusses require extreme care in fabricating, handling, shipping, installing, and bracing. Follow the latest edition of BCSI (Building Component Safety Information by TPI and WITCA) practices prior to performing these functions. Installers shall provide temporary bracing for BCSI trusses unless noted otherwise. Post chord shall have properly attached structural sheathing and boom shall have a properly attached per BCSI ceiling. Locations shown for permanent lateral resistance shall have bracing installed per BCSI sections B5, B7 or B10 as applicable.

ITW Building Components Group Inc. (IMB65) shall not be responsible for any deviation from the design of the truss system. The truss system shall be installed in accordance with the following: Failure to build the truss in conformance with IMB65 and/or the positive attachment of the truss to the deck details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A section cutaway drawing of the truss system shall be provided to the installer. The drawing shall indicate acceptance of Professional engineering. The suitability and use of this design for any structural application shall be the responsibility of the Building Designer. For more information see the general notes page. TPI-BCSI www.tpi.com, TPI www.printer.org WITCA www.shedindustry.com

OTC general notes page 1 ITW-BCSI www.tiwbcs.com, TPI www.printer.org WITCA www.shedindustry.com

OTC general notes page 1 ITW-BCSI www.tiwbcs.com, TPI www.printer.org WITCA www.shedindustry.com

No. 22839
 STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER

| | | | |
|----------|----------|--------|-------------------|
| TC LL | 20.0 PSF | REF | R215-- 80851 |
| TC DL | 10.0 PSF | DATE | 09/25/13 |
| BC DL | 10.0 PSF | DRW | HCUSR215 13268004 |
| BC LL | 0.0 PSF | HC-ENG | AP/AP |
| TOT.LD. | 40.0 PSF | SEQN- | 216236 |
| DUR.FAC. | 1.25 | FROM | CDM |
| SPACING | 24.0" | JREF- | 1UZX215_Z01 |

(8362--/ADDITION /Plumb Level Construction --, FL - J1)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31

Bottom chord checked for 10 00 psf non-concurrent live load.

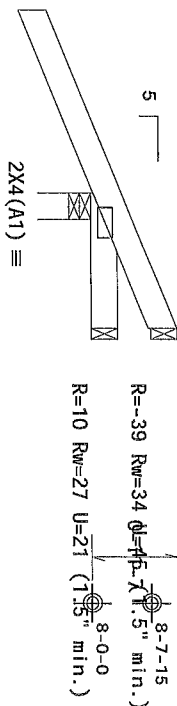
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

130 mph wind 15 00 ft mean hgt. ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf 60psi(+/-)=0 18

Wind loads and reactions based on MMFRS with additional C&C member design

The overall height of this truss excluding overhang is 0-11-7



2-0-0 Over 3 Supports
1-5-11

R=305 U=97 W=3.5" (3.5" min.)
RL=41/-26

PLT TYP. Wave

Design Crit: FBC2010Res/TP1-2007(STD)
FT/RT=20%(0%)/10(0)

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information by TPI and WTC) for details on proper handling, shipping, installing and bracing. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections 83, 87 or 810 as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or for any failure to build the truss in conformance with ANSI/TP1 1 or for handling, shipping, installing and bracing of trusses. Apply plates to each face of truss and position as shown above and on the drawing or cover page listing this drawing. Indicate the location of plates on the drawing or cover page listing this drawing. Refer to drawings 180A-2 for standard plate positions. A complete set of drawings and specifications for this design is available for purchase from ITWBCG. The responsibility of the Building Designer per ANSI/TP1 1 Sec 2. For more information see the general notes page ITW-BCG www.tubog.com, TPI www.tpinet.org WTC www.stcindustry.com, ICC www.iccsafe.org

ALPINE

ITW Building Components Group Inc.

Orlando FL 32837
FL COA #0 278

No. 22839

STATE OF FLORIDA

PROFESSIONAL ENGINEER

FL/-/1/-/1/-/R/-

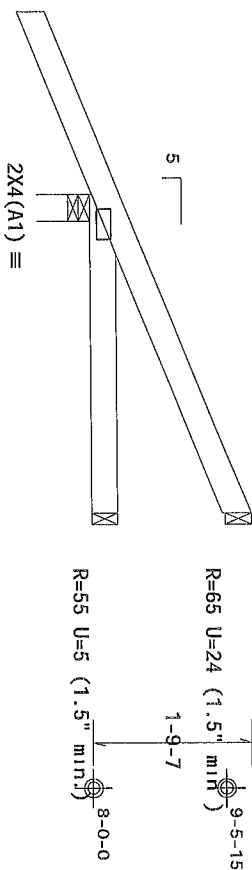
Scale = .5"/Ft.

| TC LL | 20.0 PSF | REF R215-- 80852 |
|-----------|----------|-----------------------|
| TC DL | 10.0 PSF | DATE 09/25/13 |
| BC DL | 10.0 PSF | DRW HCUSR215 13268005 |
| BC LL | 0.0 PSF | HC-ENG AP/AP |
| TOT. LD. | 40.0 PSF | SEQN- 216234 |
| DUR. FAC. | 1.25 | FROM CDM |
| SPACING | 24.0" | JREF- 1UX215_Z01 |

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

130 mph wind, 15 00 ft mean hgt, ASCE 7-10, CLOSED bldg, located anywhere in roof, RISK CAT 11, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf GCpi(+/-)=0.18

Wind loads and reactions based on MMFIRS with additional C&C member design



2-0-0
3-5-11 Over 3 Supports

R=318 U=65 W=3.5" (3.5" min.)
RL=65/-29

PLT TYP. Wave

Design Crit: FBC2010Res/TP1-2007(STD)
FT/RT=20%(0%)/10(0)

12.03.05.0416.4

FL/-/1/-/-/R/-

Scale = .5"/Ft.

**** IMPORTANT ****
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

Trussors requiring extensive care in fabricating, handling, shipping, installing, and bracing. Follow the latest edition of BCSI (Building Component Safety Information) by TPI and WTCN practices prior to performing these functions. Installers shall provide temporary bracing unless noted otherwise. Top chord shall have properly attached structural sheathing and bracing. All other chords shall have properly attached per BCSI sections 83, 87 or 810 as applicable. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections 83, 87 or 810 as applicable.

ALPINE

ITW Building Components Group Inc.

Orlando FL, 32837
FL COA #0278

the responsibility of the Building Designer per ANSI/AP1 Sec 2 For more information see
general notes page 1171-B-CG www.tbcbg.com TPI www.tpinst.org WTCA www.sbcindustry.com
ICC www.iccsafe.org

09/25/2012

SPACING 24.0"

JREF- 1UZXR215_Z01

~~09/25/2013~~

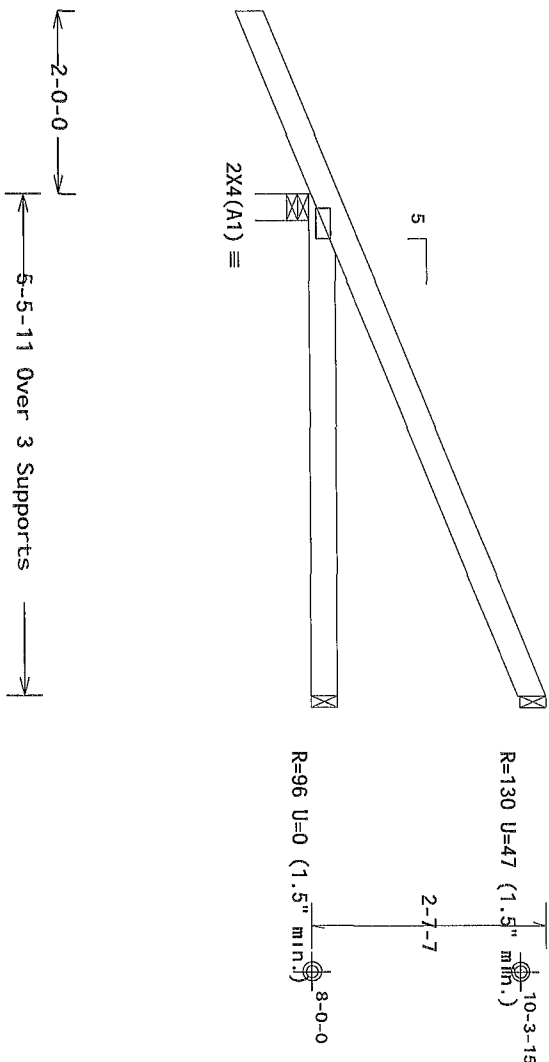
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT 11, EXP C, wind TC DL=5 0 psf, wind BC DL=5.0 psf GCPI (+/-)=0 18

Wind loads and reactions based on

Wind loads and reactions based on MMFRS with additional C&C member design

The overall height of this truss excluding overhang is 2-7-7



Design Crit: FBC2010Res/TP1-2007(STD)
FT/RT=20%(0%)/10(0)

ALTER P. FINA
LISENSE
12-08-05 04:16:15

4 FL/-/1/-/-/R/-

Scale = .5"/Ft.

ALPINE

ITW Building Components Group Inc.

Orlando FL, 32837
FL COA #0278

[illegible]

NO. 22839
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

| | | |
|-----------|----------|-----------------------|
| TC LL | 20.0 PSF | REF R215-- 80854 |
| TC DL | 10.0 PSF | DATE 09/25/13 |
| BC DL | 10.0 PSF | DRW HCURS215 13268007 |
| BC LL | 0.0 PSF | HC-ENG AP/AP |
| TOT. LD. | 40.0 PSF | SEQN- 216230 |
| DUR. FAC. | 1.25 | FROM CDM |
| SPACING | 24.0" | JREF- 1UXZ215_Z01 |

(8362-/ADDITION /Plumb Level Construction -- , FL - J4)

Top chord 2x4 Sp M-31
Bot chord 2x4 Sp M-31

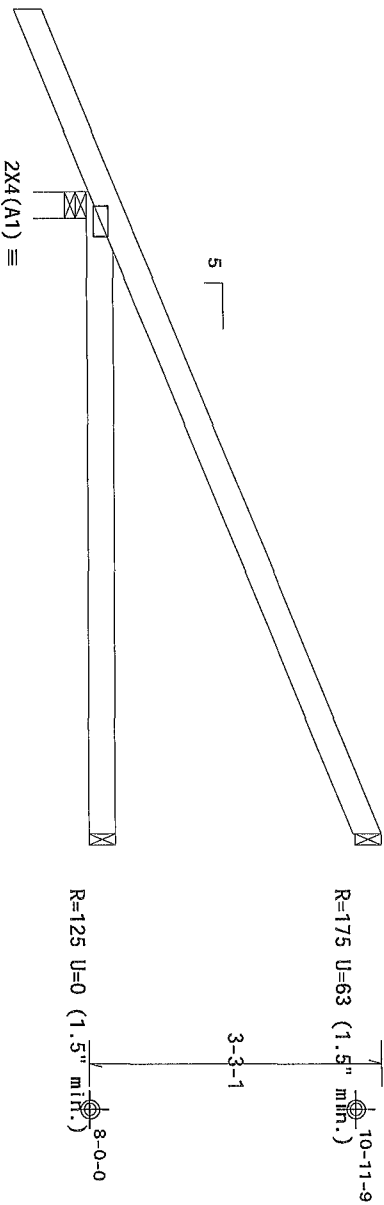
Bottom chord checked for 10 00 psf non-concurrent live load

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

MMFRS loads based on trusses located at least 7.50 ft. from roof edge

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, Exp C, wind TC DL=5.0 psf, wind BC DL=5.0 psf Gcpi(+/-)=0.18
Wind loads and reactions based on MMFRS with additional C&C member design
The overall height of this truss excluding overhang is 3-3-1



R=436 U=75 W=3.5" (3.5" min.)
RL=107/-34

PLT TYP. Wave

Design Crit: FBC2010Res/TPI-2007(STD)
FT/RT=20%(0%)/10(0)

IMPORTANT PUBLISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS

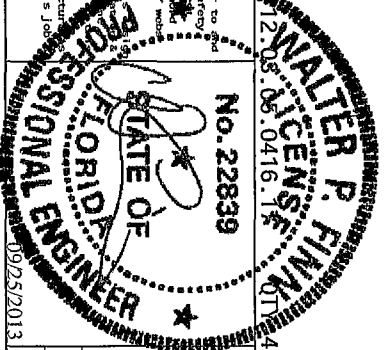
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. The truss designer shall be responsible for providing the truss manufacturer with all necessary information to fabricate the truss. The truss manufacturer shall be responsible for providing the truss installer with all necessary information to install the truss. The truss installer shall be responsible for providing the truss erector with all necessary information to erect the truss. The truss erector shall be responsible for providing the truss owner with all necessary information to maintain the truss.

ALPINE

ITW Building Components Group Inc.

Orlando FL 32837
FL COA #0278

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer. Per ANSI/TPI 1 Sec 2 For more information see the general notes page ITW-BG5 www.itwbcg.com TPI www.tpinet.org WTC www.specindustry.com



| TC LL | 20.0 PSF | REF | R215-- 80855 |
|----------|----------|--------|-------------------|
| TC DL | 10.0 PSF | DATE | 09/25/13 |
| BC DL | 10.0 PSF | DRW | HOURS215 13268003 |
| BC LL | 0.0 PSF | HC-ENG | AP/AP |
| TOT.LD. | 40.0 PSF | SEON- | 216231 |
| DUR.FAC. | 1.25 | FROM | CDM |
| SPACING | 24.0" | JREF- | 1UZX215_Z01 |

Scale = .5"/ft.