Paul Davis Restoration

3499 NW 97th Blcd. St. #10
Gainesville, Fl. 32606
352-332-5306
CBC1259547

Client:	John McCarthy
Property:	366 SW Slash Ln Lake City, FL 32024
Operator:	BRANDEN.

Estimator:	Branden Hare	Business:	(352) 332-5306
Business:	3499 NW 97th Blvd. St#10 Gainesville, FL 32606	E-mail:	branden.hare@pauldavis.com

Type of Estimate:			
Date Entered:	10/29/2024	Date Assigned:	

Price List:	FLGA8X_OCT24
Labor Efficiency:	Restoration/Service/Remodel
Estimate:	MCCARTHY_JOHN_REP3

Preliminary repair estimate only. Excludes roofing, pool, fence, content pack out/pack back, and storage.

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MCCARTHY_JOHN_REP3

Main Level

Main Level

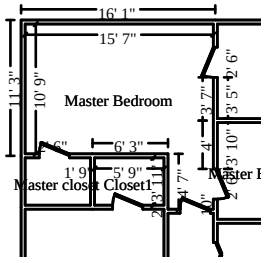
DESCRIPTION	QTY
1. Dumpster load - Approx. 20 yards, 4 tons of debris	2.00 EA
2. Taxes, insurance, permits & fees (Bid Item)	1.00 EA
3. Engineering fees (Bid Item)	1.00 EA
4. Temporary toilet (per month)	6.00 MO
5. Rough-in plumbing - per fixture	4.00 EA
REPAIR PIPES RUNNING THROUGH DAMAGED TRUSSES	
6. Gas/water line cap/plug - per cap	1.00 EA
7. REMOVE GAS LINE AND CAP ONLY	50.00 LF
DETACH AND RESET GAS LINE IN DAMAGED TRUSS AREA	
8. Plumbing/gas line air pressure test	1.00 EA

OWNER TO DO ALL PACKOUT AND STORAGE OF CONTENTS BEFORE WE START REPAIRS

THIS ESTIMATE ASSUMES THAT WE WON'T REPLACE ANY FLOORING IN THE BEDROOM, OFFICE, AND HALL. WE WILL TRY TO PREOTECT BUT THERE IS A POSSIBILITY THEY GET WET OR DAMAGED DURING CONSTRUCTION AND THIS WOULD HAVE TO BE ADDED TO THE ESTIMATE.

THIS ESTIMATE IS SUBJECT TO CHANGE IF FURTHER DAMAGES ARE FOUND AFTER DEMO, PERMIT, AND ENGINEERING.

NOTES:



Master Bedroom **Height: 8'**

494.67	SF Walls	184.71	SF Ceiling
679.38	SF Walls & Ceiling	184.71	SF Floor
20.52	SY Flooring	61.83	LF Floor Perimeter
61.83	LF Ceil. Perimeter		

DESCRIPTION	QTY
10. R&R Stud wall - 2" x 4" x 8' load bearing - 16" oc	10.00 LF
11. R&R Header - double 2" x 12"	4.00 LF
12. R&R Drilled bottom plate - 2" x 4" treated lumber	10.00 LF

CONTINUED - Master Bedroom

DESCRIPTION	QTY
13. R&R Sheathing - structural grade - 1/8" - foil or poly face	80.00 SF
14. R&R Sheathing - OSB - 1/2"	64.00 SF
15. R&R House wrap (air/moisture barrier)	64.00 SF
16. Carpenter - General Framer - per hour	4.00 HR
17. R&R Thin coat plaster over 1/2" gypsum core blueboard	432.04 SF
18. R&R Blown-in insulation - 14" depth - R38	184.71 SF
19. R&R Batt insulation - 4" - R15 - paper / foil faced	64.00 SF
20. Heat/AC register - Mechanically attached - Detach & reset	1.00 EA
21. R&R Ductwork system - hot and cold air (per run)	1.00 EA
22. Remove Phone/low voltage outlet rough-in	2.00 EA
23. Rewire\wire - avg. residence - boxes & wiring	184.71 SF
remove damaged wiring out of truss area and re run after truss replacement	
24. Detach & Reset Ceiling fan & light	1.00 EA
25. R&R Outlet or switch cover	1.00 EA
26. R&R Vinyl window, single hung, 13-19 sf - High grade	2.00 EA
27. Add on for "Low E" glass	36.00 SF
28. R&R Window screen, 17 - 25 SF	2.00 EA
29. Add. charge for a retrofit window, 12-23 sf - difficult	2.00 EA
30. R&R Sill - cultured marble on 2" x 4" wall	7.00 LF
31. Paint door or window opening - 1 coat (per side)	5.00 EA
32. Paint door slab only - 1 coat (per side)	4.00 EA
33. Door knob/lockset - Detach & reset	4.00 EA
34. R&R Interior door unit	1.00 EA
35. Door Installer/Finish Carpenter - per hour	2.00 HR
36. R&R Baseboard - 5 1/4"	61.83 LF
37. R&R Casing - 2 1/4"	51.00 LF
38. Floor protection - cloth - skid resistant, breathable	184.71 SF
39. Seal/prime (1 coat) then paint (1 coat) the walls and ceiling	679.38 SF
40. Seal (1 coat) & paint (1 coat) baseboard	61.83 LF
41. Mask and prep for paint - plastic, paper, tape (per LF)	61.83 LF
42. R&R Combination CO/Smoke detector	1.00 EA

CONTINUED - Master Bedroom

DESCRIPTION	QTY

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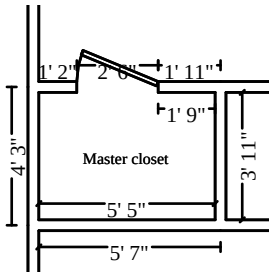

Master closet **Height: 8'**

149.33	SF Walls	21.22	SF Ceiling
170.55	SF Walls & Ceiling	21.22	SF Floor
2.36	SY Flooring	18.67	LF Floor Perimeter
18.67	LF Ceil. Perimeter		

DESCRIPTION	QTY
43. R&R Thin coat plaster over 1/2" gypsum core blueboard	21.22 SF
44. R&R Blown-in insulation - 14" depth - R38	21.22 SF
45. Heat/AC register - Mechanically attached - Detach & reset	1.00 EA
46. R&R Ductwork system - hot and cold air (per run)	1.00 EA
47. Rewire\wire - avg. residence - boxes & wiring	21.22 SF
remove damaged wiring out of truss area and re run after truss replacement	
48. Detach & Reset Light fixture	1.00 EA
49. Paint door or window opening - 1 coat (per side)	1.00 EA
50. Paint door slab only - 1 coat (per side)	1.00 EA
51. R&R Baseboard - 5 1/4"	18.67 LF
52. Floor protection - cloth - skid resistant, breathable	21.22 SF
53. Seal/prime (1 coat) then paint (1 coat) the walls and ceiling	170.55 SF
54. Seal (1 coat) & paint (1 coat) baseboard	18.67 LF
55. Mask and prep for paint - plastic, paper, tape (per LF)	18.67 LF

CONTINUED - Master closet

DESCRIPTION	QTY

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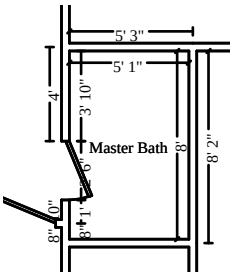

Master Bath **Height: 8'**

209.33	SF Walls	40.67	SF Ceiling
250.00	SF Walls & Ceiling	40.67	SF Floor
4.52	SY Flooring	26.17	LF Floor Perimeter
26.17	LF Ceil. Perimeter		

DESCRIPTION	QTY
56. R&R Thin coat plaster over 1/2" gypsum core blueboard	250.00 SF
57. R&R Blown-in insulation - 14" depth - R38	40.67 SF
58. Heat/AC register - Mechanically attached - Detach & reset	1.00 EA
59. R&R Ductwork system - hot and cold air (per run)	1.00 EA
60. Rewire\wire - avg. residence - boxes & wiring	40.67 SF
remove damaged wiring out of truss area and re run after truss replacement	
61. R&R Light bar - 4 lights - High grade	1.00 EA
62. Light bulb - LED A19 - up to 500 lm - material only	4.00 EA
63. R&R Bathroom ventilation fan w/light	1.00 EA
64. Paint door or window opening - 1 coat (per side)	1.00 EA
65. Paint door slab only - 1 coat (per side)	1.00 EA
66. R&R Baseboard - 5 1/4"	26.17 LF
67. Seal/prime (1 coat) then paint (1 coat) the walls and ceiling	250.00 SF
68. Seal (1 coat) & paint (1 coat) baseboard	26.17 LF
69. Mask and prep for paint - plastic, paper, tape (per LF)	26.17 LF
70. R&R Tub/shower faucet	1.00 EA
71. R&R Sink faucet - Bathroom	1.00 EA
72. R&R Angle stop valve	3.00 EA

CONTINUED - Master Bath

DESCRIPTION	QTY
73. R&R Plumbing fixture supply line	3.00 EA
74. Gas/water line cap/plug - per cap	3.00 EA
75. R&R Mirror - 1/4" plate glass	12.00 SF
76. Mirror & Shower Door Installer - per hour	1.50 HR
77. R&R Vanity - High grade	3.00 LF
78. R&R Countertop - solid surface	7.50 SF
79. R&R Backsplash - solid surface - Unattached	5.00 LF
80. Add on for undermount sink cutout & polish - single basin	1.00 EA
81. Add on Granite edge treatment	5.00 LF
82. R&R Sink - single	1.00 EA
83. R&R Tile floor covering	40.67 SF
84. Additional labor to remove tile from concrete slab	40.67 SF
85. R&R Bathtub	1.00 EA
86. R&R 1/2" Cement board	71.50 SF
87. R&R Tile tub surround - 60 to 75 SF - High grade	1.00 EA
88. R&R Toilet	1.00 EA

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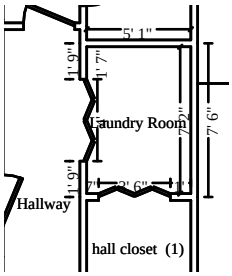

Laundry Room **Height: 8'**

196.00	SF Walls	36.43	SF Ceiling
232.43	SF Walls & Ceiling	36.43	SF Floor
4.05	SY Flooring	24.50	LF Floor Perimeter
24.50	LF Ceil. Perimeter		

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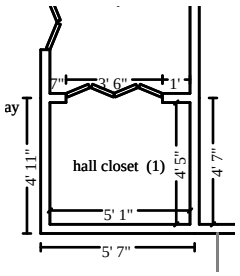

Subroom: hall closet (1) **Height: 8'**

152.00	SF Walls	22.45	SF Ceiling
174.45	SF Walls & Ceiling	22.45	SF Floor
2.49	SY Flooring	19.00	LF Floor Perimeter
19.00	LF Ceil. Perimeter		

DESCRIPTION	QTY
89. R&R Thin coat plaster over 1/2" gypsum core blueboard	58.88 SF
90. R&R Blown-in insulation - 14" depth - R38	58.88 SF
91. Heat/AC register - Mechanically attached - Detach & reset	1.00 EA
92. R&R Ductwork system - hot and cold air (per run)	1.00 EA
93. Rewire\wire - avg. residence - boxes & wiring	58.88 SF
remove damaged wiring out of truss area and re run after truss replacement	
94. R&R Light fixture	1.00 EA
95. Light bulb - LED A19 - up to 500 lm - material only	2.00 EA
96. R&R Attic entrance cover and trim	1.00 EA
97. Painter - per hour	1.25 HR
PAINT ATTIC ACCESS COVER AND TRIM	
98. Detach & Reset Bifold door set - Colonist - Double	2.00 EA
99. Paint bifold door set - slab only - 2 coats (per side)	4.00 EA
100. R&R Shelving - wire (vinyl coated)	10.00 LF
101. Shelving - wire (vinyl coated) - Detach & reset	20.00 LF
102. Paint door or window opening - 1 coat (per side)	1.00 EA
103. R&R Baseboard - 5 1/4"	43.50 LF
104. Seal/prime (1 coat) then paint (1 coat) the walls and ceiling	406.88 SF
105. Seal (1 coat) & paint (1 coat) baseboard	43.50 LF
106. Mask and prep for paint - plastic, paper, tape (per LF)	43.50 LF
107. Remove Vinyl floor covering (sheet goods) - High grade	58.88 SF
108. Vinyl floor covering (sheet goods) - High grade	65.00 SF
109. Floor preparation for resilient flooring - Heavy	58.88 SF
110. Vinyl - metal transition strip	5.00 LF
111. Vinyl Floor Covering Installer - per hour	2.00 HR
ADDITIONAL LABOR FOR SMALL VINYL FLOOR JOB	

CONTINUED - Laundry Room

DESCRIPTION	QTY

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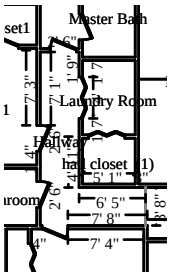

Hallway **Height: 8'**

402.67	SF Walls	86.34	SF Ceiling
489.01	SF Walls & Ceiling	86.34	SF Floor
9.59	SY Flooring	50.33	LF Floor Perimeter
50.33	LF Ceil. Perimeter		

Missing Wall **3' 8" X 8'** **Opens into FOYER_ENTRY**

DESCRIPTION	QTY
112. R&R Thin coat plaster over 1/2" gypsum core blueboard	86.34 SF
113. R&R Blown-in insulation - 14" depth - R38	86.34 SF
114. Heat/AC register - Mechanically attached - Detach & reset	2.00 EA
115. R&R Ductwork system - hot and cold air (per run)	2.00 EA
116. Rewire\wire - avg. residence - boxes & wiring	86.34 SF
remove damaged wiring out of truss area and re run after truss replacement	
117. R&R Light fixture	2.00 EA
118. Light bulb - LED A19 - up to 500 lm - material only	4.00 EA
119. Paint door or window opening - 1 coat (per side)	5.00 EA
120. Paint door slab only - 1 coat (per side)	4.00 EA
121. Floor protection - cloth - skid resistant, breathable	86.34 SF
122. Seal/prime (1 coat) then paint (1 coat) the walls and ceiling	489.01 SF
123. Seal (1 coat) & paint (1 coat) baseboard	50.33 LF
124. Mask and prep for paint - plastic, paper, tape (per LF)	50.33 LF
125. R&R Tile floor covering	24.00 SF
126. R&R T- molding - for wood flooring - High grade	7.00 LF

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CONTINUED - Hallway

DESCRIPTION	QTY
127. Additional labor to remove tile from concrete slab	86.34 SF

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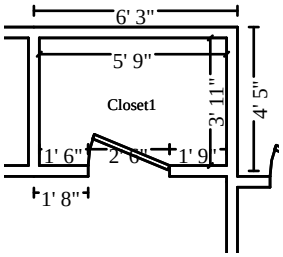

Closet1 **Height: 8'**

154.67	SF Walls	22.52	SF Ceiling
177.19	SF Walls & Ceiling	22.52	SF Floor
2.50	SY Flooring	19.33	LF Floor Perimeter
19.33	LF Ceil. Perimeter		

DESCRIPTION	QTY
128. R&R Thin coat plaster over 1/2" gypsum core blueboard	22.52 SF
129. R&R Blown-in insulation - 14" depth - R38	22.52 SF
130. R&R Ductwork system - hot and cold air (per run)	1.00 EA
131. Rewire\wire - avg. residence - boxes & wiring	22.52 SF
remove damaged wiring out of truss area and re run after truss replacement	
132. Detach & Reset Light fixture	1.00 EA
133. Paint door or window opening - 1 coat (per side)	1.00 EA
134. Paint door slab only - 1 coat (per side)	1.00 EA
135. Floor protection - cloth - skid resistant, breathable	22.52 SF
136. Seal/prime (1 coat) then paint (1 coat) the walls and ceiling	177.19 SF
137. Seal (1 coat) & paint (1 coat) baseboard	19.33 LF
138. Mask and prep for paint - plastic, paper, tape (per LF)	19.33 LF

CONTINUED - Closet1

DESCRIPTION	QTY

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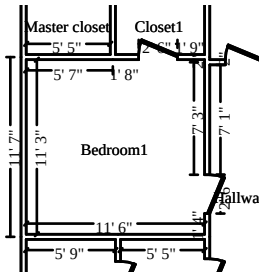

Bedroom1 **Height: 8'**

364.00	SF Walls	129.38	SF Ceiling
493.38	SF Walls & Ceiling	129.38	SF Floor
14.38	SY Flooring	45.50	LF Floor Perimeter
45.50	LF Ceil. Perimeter		

DESCRIPTION	QTY
139. Shelving - wire (vinyl coated) - Detach & reset	4.00 LF
140. R&R Thin coat plaster over 1/2" gypsum core blueboard	129.38 SF
141. R&R Blown-in insulation - 14" depth - R38	129.38 SF
142. R&R Ductwork system - hot and cold air (per run)	1.00 EA
143. Heat/AC register - Mechanically attached - Detach & reset	1.00 EA
144. Rewire\wire - avg. residence - boxes & wiring	129.38 SF
remove damaged wiring out of truss area and re run after truss replacement	
145. R&R Combination CO/Smoke detector	1.00 EA
146. Remove Phone/low voltage outlet rough-in	2.00 EA
147. Ceiling fan - Detach & reset	1.00 EA
148. Paint door or window opening - 1 coat (per side)	3.00 EA
149. Paint door slab only - 1 coat (per side)	2.00 EA
150. Floor protection - cloth - skid resistant, breathable	129.38 SF
151. Seal/prime (1 coat) then paint (1 coat) the walls and ceiling	493.38 SF
152. Seal (1 coat) & paint (1 coat) baseboard	45.50 LF
153. Mask and prep for paint - plastic, paper, tape (per LF)	45.50 LF

CONTINUED - Bedroom1

DESCRIPTION	QTY

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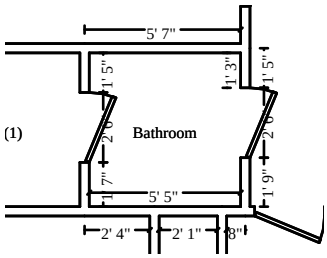
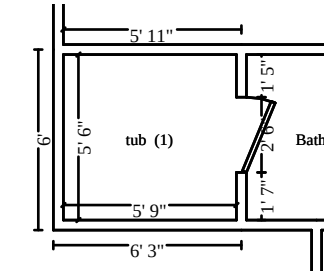


Bathroom **Height: 8'**

174.67	SF Walls	29.79	SF Ceiling
204.46	SF Walls & Ceiling	29.79	SF Floor
3.31	SY Flooring	21.83	LF Floor Perimeter
21.83	LF Ceil. Perimeter		



Subroom: tub (1) **Height: 8'**

180.00	SF Walls	31.63	SF Ceiling
211.63	SF Walls & Ceiling	31.63	SF Floor
3.51	SY Flooring	22.50	LF Floor Perimeter
22.50	LF Ceil. Perimeter		

DESCRIPTION	QTY
154. R&R Thin coat plaster over 1/2" gypsum core blueboard	416.08 SF
155. R&R Blown-in insulation - 14" depth - R38	61.42 SF
156. Heat/AC register - Mechanically attached - Detach & reset	1.00 EA
157. R&R Ductwork system - hot and cold air (per run)	1.00 EA
158. Rewire\wire - avg. residence - boxes & wiring	61.42 SF
remove damaged wiring out of truss area and re run after truss replacement	
159. R&R Light bar - 4 lights - High grade	1.00 EA
160. Light bulb - LED A19 - up to 500 lm - material only	4.00 EA
161. R&R Bathroom ventilation fan w/light	1.00 EA
162. Paint door or window opening - 1 coat (per side)	2.00 EA

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CONTINUED - Bathroom

DESCRIPTION	QTY
163. Paint door slab only - 1 coat (per side)	2.00 EA
164. R&R Baseboard - 5 1/4"	44.33 LF
165. Seal/prime (1 coat) then paint (1 coat) the walls and ceiling	416.08 SF
166. Seal (1 coat) & paint (1 coat) baseboard	44.33 LF
167. Mask and prep for paint - plastic, paper, tape (per LF)	44.33 LF
168. R&R Tub/shower faucet	1.00 EA
169. Detach & Reset Sink faucet - Bathroom	2.00 EA
170. R&R Angle stop valve	3.00 EA
171. R&R Plumbing fixture supply line	3.00 EA
172. Gas/water line cap/plug - per cap	3.00 EA
173. R&R Mirror - 1/4" plate glass	21.67 SF
174. Mirror & Shower Door Installer - per hour	2.00 HR
175. R&R Vanity - High grade	5.42 LF
176. R&R Countertop - solid surface	12.20 SF
177. R&R Backsplash - solid surface - Unattached	9.42 LF
178. Add on for undermount sink cutout & polish - single basin	2.00 EA
179. Add on Granite edge treatment	5.42 LF
180. R&R Sink - single	2.00 EA
181. R&R Tile floor covering	61.42 SF
182. Additional labor to remove tile from concrete slab	61.42 SF
183. R&R Bathtub	1.00 EA
184. R&R 1/2" Cement board	71.50 SF
185. R&R Tile tub surround - 60 to 75 SF - High grade	1.00 EA
186. R&R Toilet	1.00 EA

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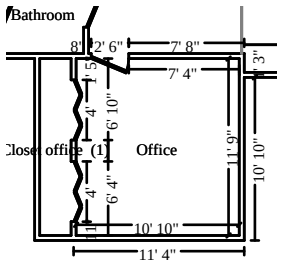
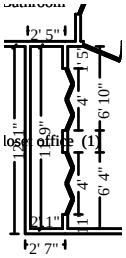


Office **Height: 8'**

361.33	SF Walls	127.29	SF Ceiling
488.63	SF Walls & Ceiling	127.29	SF Floor
14.14	SY Flooring	45.17	LF Floor Perimeter
45.17	LF Ceil. Perimeter		



Subroom: Closet office (1) **Height: 8'**

221.33	SF Walls	24.48	SF Ceiling
245.81	SF Walls & Ceiling	24.48	SF Floor
2.72	SY Flooring	27.67	LF Floor Perimeter
27.67	LF Ceil. Perimeter		

DESCRIPTION	QTY
187. Shelving - wire (vinyl coated) - Detach & reset	4.00 LF
188. R&R Thin coat plaster over 1/2" gypsum core blueboard	151.77 SF
189. R&R Blown-in insulation - 14" depth - R38	151.77 SF
190. R&R Ductwork system - hot and cold air (per run)	1.00 EA
191. Heat/AC register - Mechanically attached - Detach & reset	1.00 EA
192. Rewire\wire - avg. residence - boxes & wiring	151.77 SF
remove damaged wiring out of truss area and re run after truss replacement	
193. R&R Combination CO/Smoke detector	1.00 EA
194. Remove Phone/low voltage outlet rough-in	2.00 EA
195. Ceiling fan - Detach & reset	1.00 EA
196. Paint door or window opening - 1 coat (per side)	3.00 EA
197. Paint door slab only - 1 coat (per side)	2.00 EA
198. Floor protection - cloth - skid resistant, breathable	151.77 SF
199. Seal/prime (1 coat) then paint (1 coat) the walls and ceiling	734.44 SF
200. Seal (1 coat) & paint (1 coat) baseboard	72.83 LF
201. Mask and prep for paint - plastic, paper, tape (per LF)	72.83 LF

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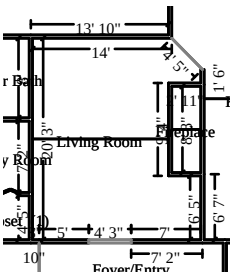


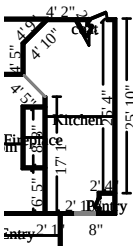
Living Room **Height: Peaked**

684.28	SF Walls	341.47	SF Ceiling
1025.76	SF Walls & Ceiling	307.91	SF Floor
34.21	SY Flooring	70.53	LF Floor Perimeter
78.95	LF Ceil. Perimeter		

Missing Wall	**4' 4 13/16" X 8'**	**Opens into KITCHEN**
Missing Wall - Goes to Floor	**4' 3" X 6' 8"**	**Opens into FOYER_ENTRY**

DESCRIPTION	QTY
202. R&R Thin coat plaster over 1/2" gypsum core blueboard	144.00 SF
203. R&R Blown-in insulation - 14" depth - R38	144.00 SF
204. R&R Ductwork system - hot and cold air (per run)	1.00 EA
205. Heat/AC register - Mechanically attached - Detach & reset	2.00 EA
206. Rewire\wire - avg. residence - boxes & wiring	144.00 SF
remove damaged wiring out of truss area and re run after truss replacement	
207. Ceiling fan - Detach & reset	1.00 EA
208. Paint door or window opening - 1 coat (per side)	3.00 EA
209. Paint door slab only - 1 coat (per side)	2.00 EA
210. Floor protection - cloth - skid resistant, breathable	225.00 SF
211. Seal/prime (1 coat) then paint (1 coat) the walls and ceiling - 2 colors	1025.76 SF
212. Seal (1 coat) & paint (1 coat) baseboard	70.53 LF
213. Mask and prep for paint - plastic, paper, tape (per LF)	78.95 LF

NOTES:



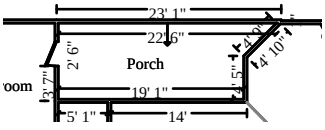
Kitchen **Height: Peaked**

770.67	SF Walls	315.07	SF Ceiling
1085.74	SF Walls & Ceiling	298.42	SF Floor
33.16	SY Flooring	77.73	LF Floor Perimeter
88.58	LF Ceil. Perimeter		

Missing Wall	**4' 4 13/16" X 8'**	**Opens into LIVING_ROOM**
Missing Wall - Goes to Floor	**2' 10" X 6' 8"**	**Opens into Exterior**

DESCRIPTION	QTY
214. Heat/AC register - Mechanically attached - Detach & reset	3.00 EA
215. Seal/prime (1 coat) then paint (1 coat) the ceiling - 2 colors	315.07 SF
216. Mask and prep for paint - plastic, paper, tape (per LF)	88.58 LF
217. Detach & Reset Recessed light fixture - trim only	7.00 EA
218. Floor protection - heavy paper and tape	298.42 SF

NOTES:



Porch **Height: Sloped**

554.70	SF Walls	156.45	SF Ceiling
711.15	SF Walls & Ceiling	155.19	SF Floor
17.24	SY Flooring	58.61	LF Floor Perimeter
58.73	LF Ceil. Perimeter		

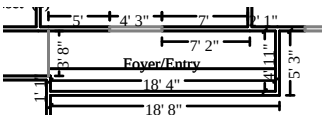
DESCRIPTION	QTY
219. R&R Thin coat plaster over 1/2" gypsum core blueboard	156.45 SF
220. R&R Blown-in insulation - 14" depth - R38	156.45 SF
221. Rewire\wire - avg. residence - boxes & wiring	155.19 SF
remove damaged wiring out of truss area and re run after truss replacement	
222. Ceiling fan - Detach & reset	1.00 EA
223. Paint door or window opening - 1 coat (per side)	4.00 EA
224. Paint door slab only - 1 coat (per side)	3.00 EA

CONTINUED - Porch

DESCRIPTION	QTY
225. Exterior - paint two coats	711.15 SF
226. Mask and prep for paint - plastic, paper, tape (per LF)	58.73 LF
227. R&R Sheathing - OSB - 1/2"	132.00 SF
228. Roofing felt - 30 lb.	1.32 SQ
229. R&R Siding - tongue & groove - pine or equal	260.00 SF
230. R&R Siding trim - 1" x 2" fir re-sawn	58.73 LF
231. R&R Siding trim - 1" x 4" fiber cement trim board	24.00 LF
232. Seal (1 coat) & paint (1 coat) trim	116.73 LF
233. R&R Casing - 2 1/4"	57.00 LF
234. Remove Indoor / outdoor carpet - Premium grade	155.19 SF
235. Indoor / outdoor carpet - Premium grade	275.50 SF
236. Carpet Installer - per hour	1.50 HR
ADDITIONAL LABOR FOR SMALL CARPET JOB	

NOTES:

Foyer/Entry **Height: Peaked**



339.84	SF Walls	202.60	SF Ceiling
542.44	SF Walls & Ceiling	90.75	SF Floor
10.08	SY Flooring	38.75	LF Floor Perimeter
58.94	LF Ceil. Perimeter		

Missing Wall	**3' 8" X 8'**	**Opens into HALLWAY**
Missing Wall - Goes to Floor	**4' 3" X 6' 8"**	**Opens into LIVING_ROOM**

DESCRIPTION	QTY
237. Paint door or window opening - 1 coat (per side)	2.00 EA

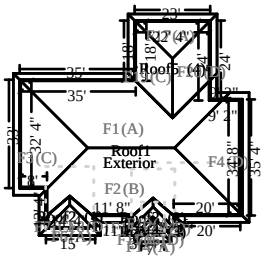
3499 NW 97th Blcd. St. #10
Gainesville, Fl. 32606
352-332-5306
CBC1259547

CONTINUED - Foyer/Entry

DESCRIPTION	QTY
238. Paint door slab only - 1 coat (per side)	1.00 EA
239. Seal/prime (1 coat) then paint (1 coat) the walls and ceiling - 2 colors	542.44 SF
240. Seal (1 coat) & paint (1 coat) baseboard	38.75 LF
241. Mask and prep for paint - plastic, paper, tape (per LF)	58.94 LF
242. R&R Tile floor covering	90.75 SF
243. Additional labor to remove tile from concrete slab	90.75 SF

NOTES:

Level 2



Exterior **Height: 8'**

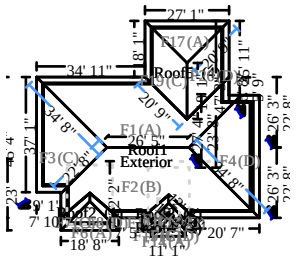
2162.67	SF Walls	3104.83	SF Ceiling
5267.49	SF Walls & Ceiling	3104.83	SF Floor
344.98	SY Flooring	270.33	LF Floor Perimeter
270.33	LF Ceil. Perimeter		

DESCRIPTION	QTY
244. Remove Gutter guard - one piece seamless gutter system	60.00 LF
demo only out of truss area. INSURED ROOFING CONTRACTOR TO INSTALL ALL SOFFIT, GUTTER, FASCIA, ROOFING SHINGLES, UNDERLAYMENT, FLASHING, VENTS, ETC.	
245. R&R 1" x 6" lumber (.5 BF per LF)	115.00 LF
SUB FASCIA	
246. R&R Brick veneer	200.00 SF
247. R&R Brick lintel - steel	4.00 LF
248. Brick - Add for rowlock course	6.00 LF
249. Mason - Brick / Stone - per hour	16.00 HR
250. Exterior faucet / hose bibb - Detach & reset	1.00 EA

CONTINUED - Exterior

DESCRIPTION	QTY

NOTES:



Roof1

4386.26	Surface Area	43.86	Number of Squares
302.30	Total Perimeter Length	51.86	Total Ridge Length
229.73	Total Hip Length		

DESCRIPTION	QTY
251. R&R Framing/truss hurricane strap	26.00 EA
252. R&R Mono truss - 6/12 slope	585.00 LF
253. Carpenter - General Framer - per hour	96.00 HR
ADDITIONAL FRAMING LABOR TO CAREFULLY REMOVE BROKEN TRUSSES, ADD BRACING AND BLOCKING AS NEEDED TO REMOVE AND INSTALL, SLOW WORK IN TRUSSES AND BROKEN ROOF DECKING, PIECE IN NEW ROOF SHEATHING TO EXISTING.	
254. Crane and operator - 14 ton capacity - 65' extension boom	12.00 HR
255. R&R Sheathing - OSB - 1/2"	1813.00 SF
REMOVE AND REPLACE DAMAGED ROOF SHEATHING OVER THE DAMAGED TRUSS AREA ONLY. ALL OTHER SHEATHING IF NEEDED WILL BE REPLACED BY ROOFING CONTRACTOR.	
256. Sheathing - additional cost for H-clips	1813.00 SF
257. R&R Tarp - all-purpose poly - per sq ft (labor and material)	1813.00 SF
258. General Demolition - per hour	6.00 HR
LABOR TO DEMO DRIP EDGE AND SOFFIT IN DAMAGED TRUSS AREA ONLY SO WE CAN REPLACE TRUSSES	
ROOF AND SOFFIT	
259. R&R Soffit & fascia - metal - 2' overhang	302.30 LF
260. R&R Gutter guard - one piece seamless gutter system	176.00 LF

3499 NW 97th Blcd. St. #10
Gainesville, Fl. 32606
352-332-5306
CBC1259547

CONTINUED - Roof1

DESCRIPTION	QTY
261. R&R Gutter / downspout - aluminum - 6"	27.00 LF
262. Remove Valley metal	12.00 LF
263. Remove Laminated - comp. shingle rfg. - w/ felt	20.00 SQ
remove in damaged truss area only	
264. R&R Soffit - box framing - 2' overhang	115.00 LF

NOTES:

Labor Minimums Applied

DESCRIPTION	QTY
265. Wood floor covering labor minimum	1.00 EA

NOTES:

Grand Total Areas:

7,940.02	SF Walls	4,918.25	SF Ceiling	12,858.27	SF Walls and Ceiling
4,746.13	SF Floor	527.35	SY Flooring	937.29	LF Floor Perimeter
0.00	SF Long Wall	0.00	SF Short Wall	982.90	LF Ceil. Perimeter
4,746.13	Floor Area	4,983.06	Total Area	7,940.02	Interior Wall Area
4,330.40	Exterior Wall Area	461.83	Exterior Perimeter of Walls		
4,386.26	Surface Area	43.86	Number of Squares	0.00	Total Perimeter Length
51.86	Total Ridge Length	229.73	Total Hip Length		

SCOPE OF REPAIRS MCCARTHY JOB

366 SW SLASH LANE

LAKE CITY, FL. 32024

REPLACE DAMAGED ROOF SHEATHING AS NEEDED FROM TREE DAMAGE ON LEFT SIDE OF HOME

REROOF WITH ARCH 30YR SHINGLES TO BE COMPLETED BY A SEPARATE ROOFING CONTRACTOR THE OWNER HIRED. NO ROOFING IN OUR SCOPE

REPLACE DAMAGED TRUSSES OVER LEFT SIDE OF HOME

DETACH AND RE INSTALL WIRING RUNNING THROUGH DAMAGED TRUSS AREAS

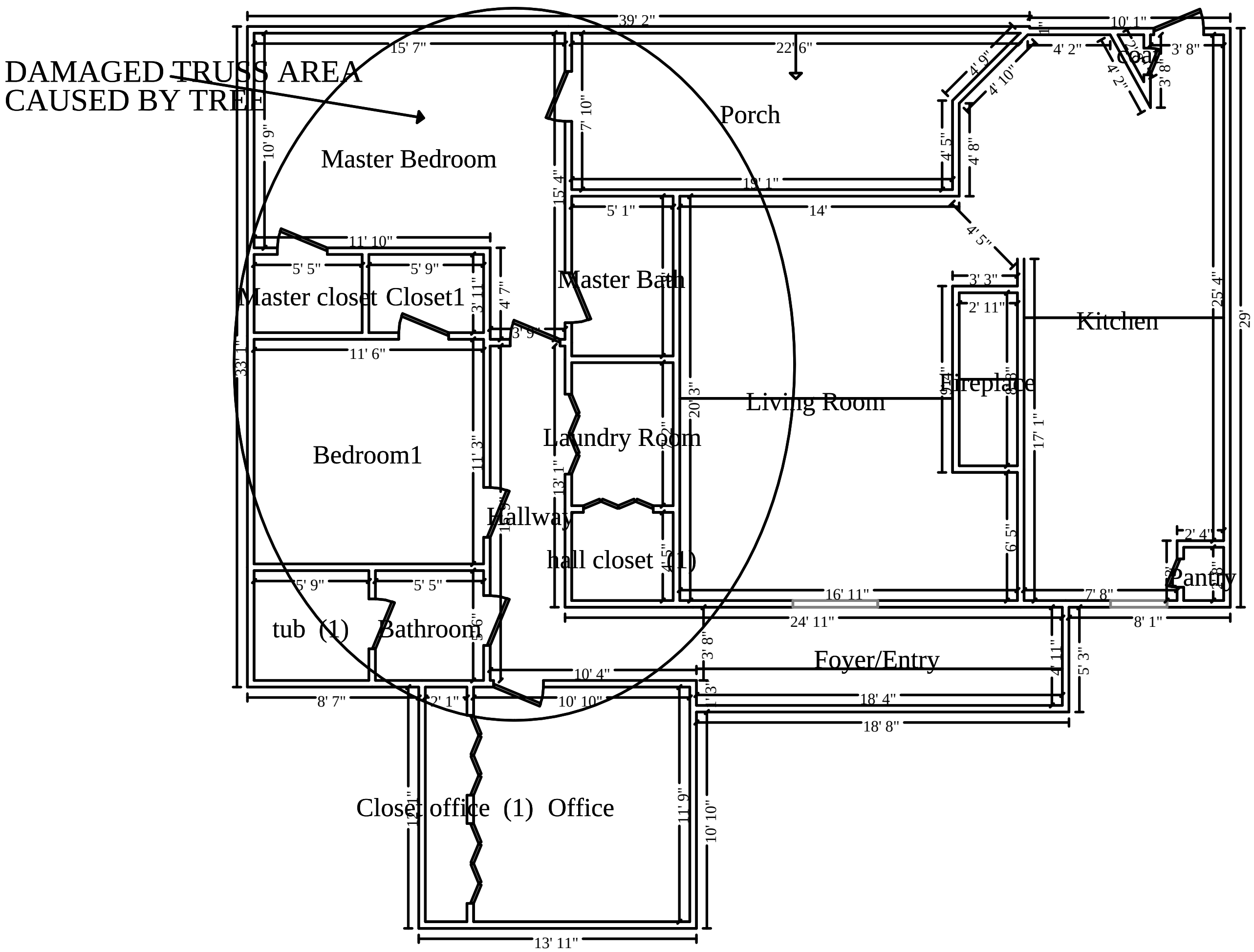
REPLACE DAMAGED PLASTER AND INSULATION ON CEILING

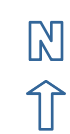
REPLACE AND DAMAGED DUCTWORK FROM TREE IN DAMAGED TRUSS AREA

REPLACE BATHROOM TILE AROUND TUB IN BOTH GUEST BATHS AND REPLACE VANITIES

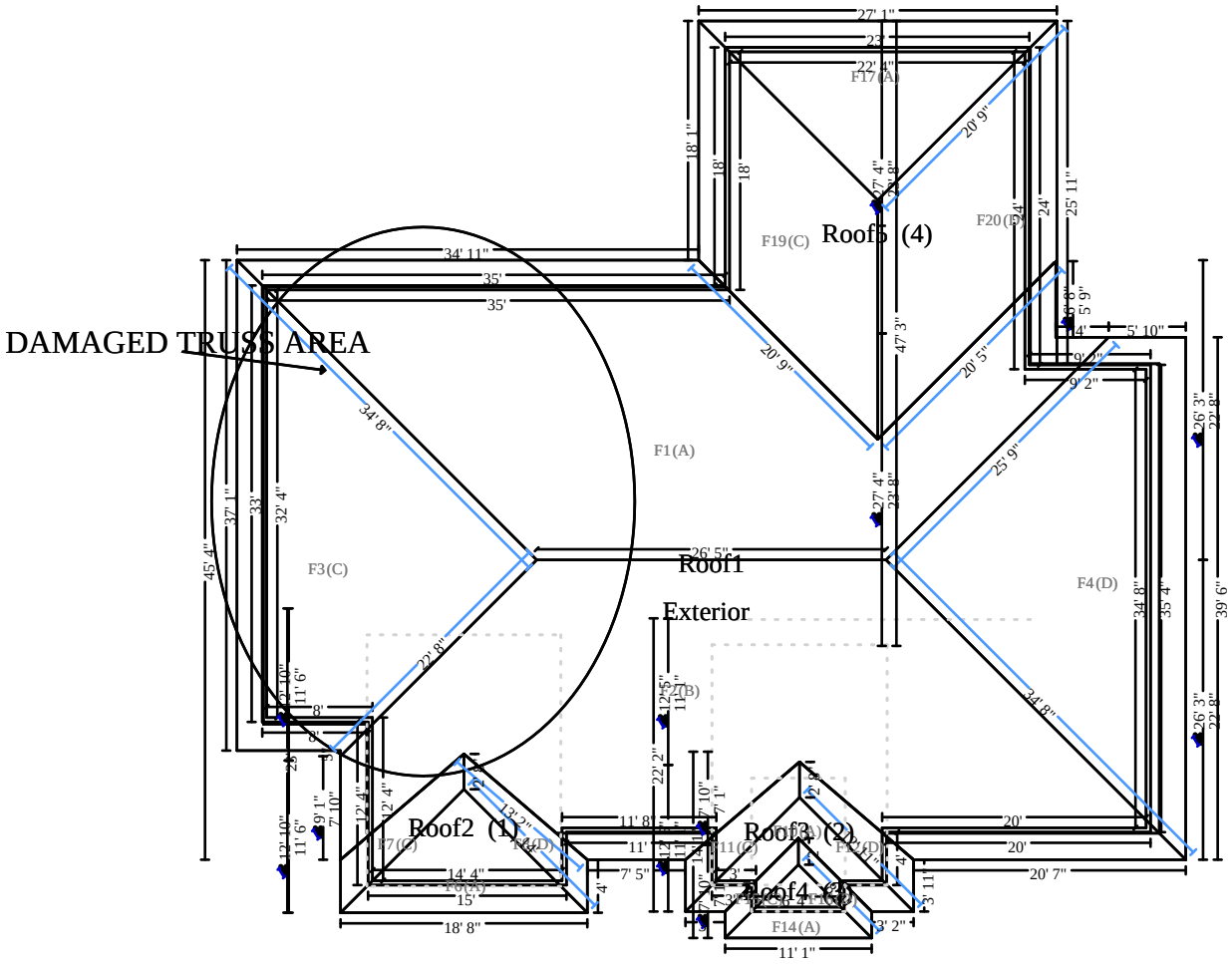
REPLACE DAMAGED WINDOW IN BEDROOM AND BATHROOM

REPLACE DAMAGED BRICK BY BEDROOM WINDOW AND REPLACE HEADER AT WINDOW


DAMAGED TRUSS AREA
CAUSED BY TREE
Master Bedroom
Porch
Master Bath
Master closet
Closet1
Kitchen
Fireplace
Living Room
Laundry Room
Bedroom1
Hallway
hall closet (1)
Pantry
tub (1)
Bathroom
Foyer/Entry
Closet office (1)
Office
coat
39' 2"
10' 1"
15' 7"
22' 6"
4' 2"
3' 8"
19' 1"
5' 1"
14'
11' 10"
5' 5"
5' 9"
11' 6"
3' 3"
2' 11"
25' 4"
29'
17' 1"
20' 3"
16' 11"
24' 11"
7' 8"
8' 1"
2' 4"
10' 4"
8' 7"
2' 1"
10' 10"
18' 4"
18' 8"
13' 11"
11' 9"
10' 10"
5' 3"
4' 11"
4' 9"
4' 10"
4' 5"
4' 8"
7' 10"
10' 9"
15' 4"
4' 7"
3' 11"
3' 9"
11' 3"
13' 1"
6' 5"
3' 8"
33' 1"


N

Main Level


DAMAGED TRUSS AREA
Roof5 (4)
Roof1
Exterior
Roof2 (1)
Roof3 (2)
Roof4 (3)
27' 1"
23'
22' 4"
F17(A)
F19(C)
F20(D)
34' 11"
35'
F1(A)
F3(C)
F4(D)
26' 5"
F7(C)
F11(C)
F14(A)
18' 8"
11' 1"
14' 4"
15'
20' 7"
20'

Lumber design values are in accordance with ANSI/TPI 1 section 6.3
These truss designs rely on lumber values established by others.

RE: 1124-062 - McCarthy

MiTek, Inc.
16023 Swingley Ridge Rd.
Chesterfield, MO 63017
314.434.1200

Site Information:

Customer Info: Paul Davis Project Name: . Model: .
Lot/Block: . Subdivision: .
Address: ., .
City: Lake City State: Fl

Name Address and License # of Structural Engineer of Record, If there is one, for the building.

Name: License #:
Address:
City: State:

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):

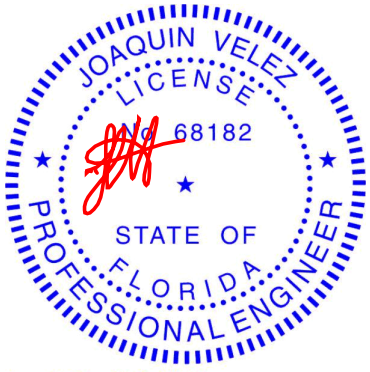
Design Code: FBC2023/TPI2014 Design Program: MiTek 20/20 8.7
Wind Code: ASCE 7-22 Wind Speed: 130 mph
Roof Load: 40.0 psf Floor Load: N/A psf

This package includes 12 individual, Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date
1	T35638029	A01	11/22/24
2	T35638030	A02	11/22/24
3	T35638031	A03	11/22/24
4	T35638032	A04	11/22/24
5	T35638033	A05	11/22/24
6	T35638034	A06	11/22/24
7	T35638035	A07	11/22/24
8	T35638036	CJ01	11/22/24
9	T35638037	J01	11/22/24
10	T35638038	J02	11/22/24
11	T35638039	J03	11/22/24
12	T35638040	J04	11/22/24

The truss drawing(s) referenced above have been prepared by MiTek USA, Inc. under my direct supervision based on the parameters provided by Mayo Truss Company, Inc..

Truss Design Engineer's Name: Velez, Joaquin
My license renewal date for the state of Florida is February 28, 2025.



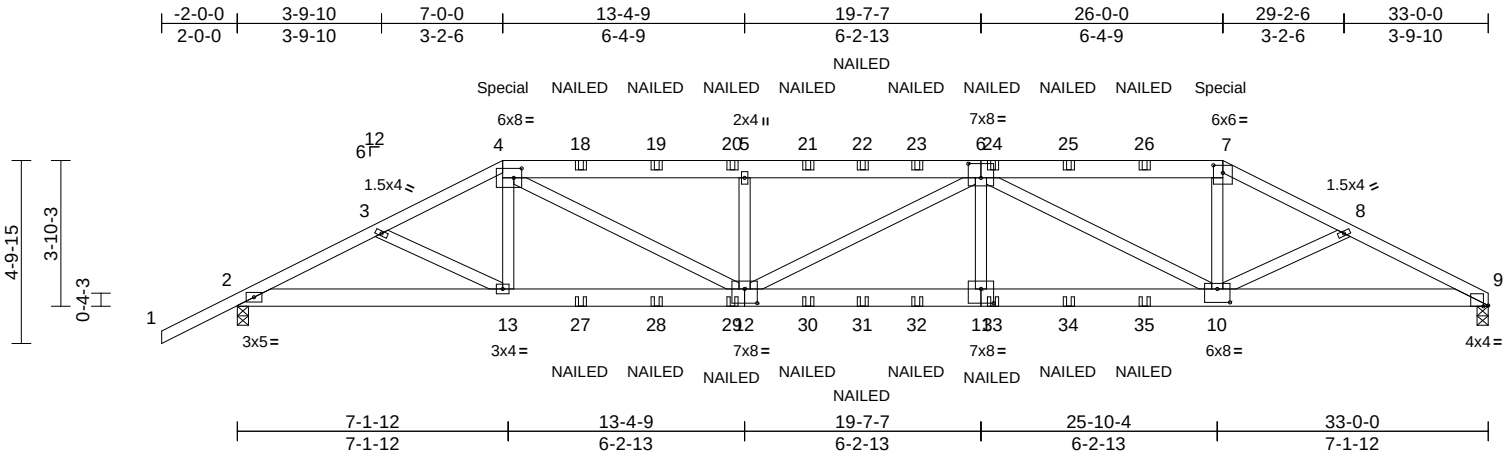
Joaquin Velez PE No.68182
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date: November 22,2024

IMPORTANT NOTE: The seal on these truss component designs is a certification that the engineer named is licensed in the jurisdiction(s) identified and that the designs comply with ANSI/TPI 1. These designs are based upon parameters shown (e.g., loads, supports, dimensions, shapes and design codes), which were given to MiTek or TRENCO. Any project specific information included is for MiTek's or TRENCO's customers file reference purpose only, and was not taken into account in the preparation of these designs. MiTek or TRENCO has not independently verified the applicability of the design parameters or the designs for any particular building. Before use, the building designer should verify applicability of design parameters and properly incorporate these designs into the overall building design per ANSI/TPI 1, Chapter 2.

Job	Truss	Truss Type	Qty	Ply	McCarthy
1124-062	A01	Hip Girder	1	**2**	T35638029
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066,

Run: 8.73 S Oct 31 2024 Print: 8.730 S Oct 31 2024 MiTek Industries, Inc. Fri Nov 22 08:43:27 Page: 1
ID:LV1eiEn7p21BuOKO9MErmXyGhJZ-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



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Loading	(psf)	**Spacing**	2-0-0	**CSI**		**DEFL**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	20.0	Plate Grip DOL	1.25	TC	0.35	Vert(LL)	-0.19	11-12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.70	Vert(CT)	-0.39	11-12	>999	180		
BCLL	0.0*	Rep Stress Incr	NO	WB	0.47	Horz(CT)	0.10	9	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-MS							Weight: 413 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2 *Except* 4-6,6-7:2x6 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.2

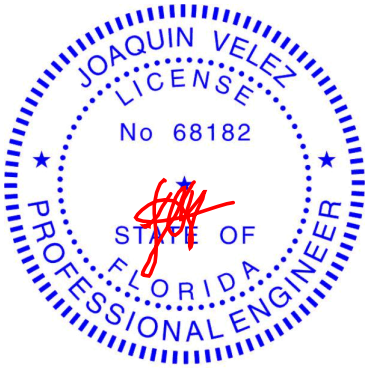
BRACING
TOP CHORD Structural wood sheathing directly applied or 5-2-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (size) 2=0-3-8, 9=0-3-8
Max Horiz 2=74 (LC 7)
Max Uplift 2=-2 (LC 8)
Max Grav 2=2752 (LC 1), 9=2625 (LC 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/54, 2-3=-5522/0, 3-4=-5365/0, 4-5=-7082/0, 5-7=-7077/0, 7-8=-5392/0, 8-9=-5561/0
BOT CHORD 2-13=0/4905, 10-13=0/7084, 9-10=0/4946
WEBS 4-13=0/742, 4-12=-45/2617, 5-12=-906/188, 6-12=-42/31, 6-11=0/527, 6-10=-2550/37, 7-10=0/1853, 3-13=-138/101, 8-10=-156/116

NOTES
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Web connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=33ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
6) Provide adequate drainage to prevent water ponding.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
9) All bearings are assumed to be SP No.2 .
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2 lb uplift at joint 2.
11) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.
12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 225 lb down and 76 lb up at 7-0-0, and 225 lb down and 76 lb up at 26-0-0 on top chord, and 353 lb down at 7-0-0, and 353 lb down at 25-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (lb/ft)
Vert: 1-4=-60, 4-7=-60, 7-9=-60, 2-9=-20
Concentrated Loads (lb)
Vert: 4=-177 (F), 7=-177 (F), 13=-320 (F), 10=-320 (F), 18=-121 (F), 19=-121 (F), 20=-121 (F), 21=-121 (F), 22=-121 (F), 23=-121 (F), 24=-121 (F), 25=-121 (F), 26=-121 (F), 27=-59 (F), 28=-59 (F), 29=-59 (F), 30=-59 (F), 31=-59 (F), 32=-59 (F), 33=-59 (F), 34=-59 (F), 35=-59 (F)



Joaquin Velez PE No.68182
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

November 22,2024

MiTek®
16023 Swingley Ridge Rd.
Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	McCarthy	
1124-062	A02	Hip	1	1	Job Reference (optional)	T35638030

Mayo Truss Company, Inc., Mayo, FL - 32066,

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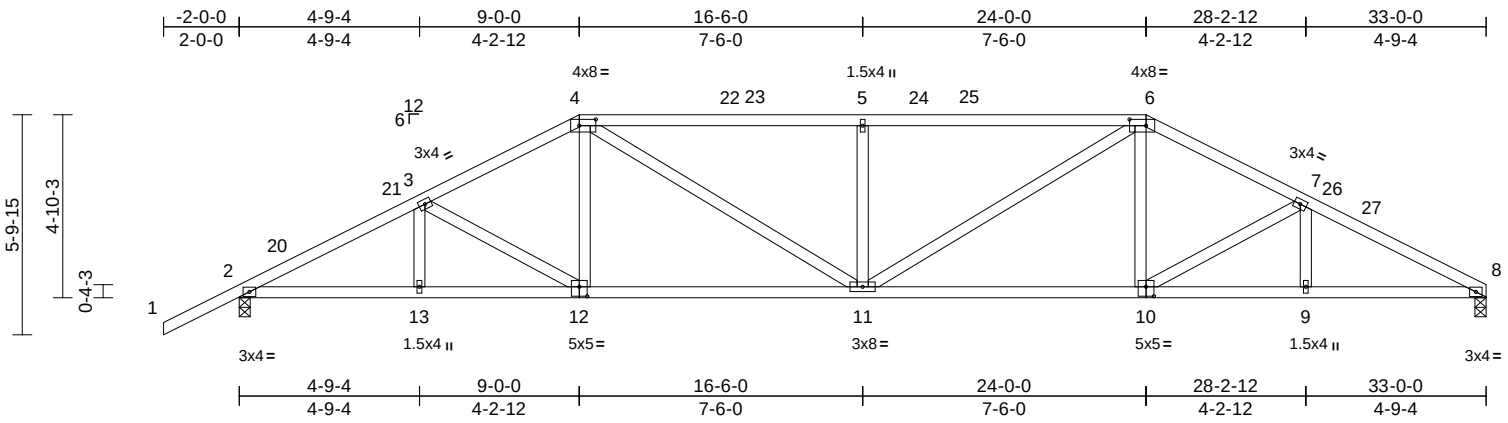

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Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.25	TC	0.57	Vert(LL)	-0.16	11	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.67	Vert(CT)	-0.34	10-11	>999	180		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.18	Horz(CT)	0.11	8	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-AS							Weight: 169 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

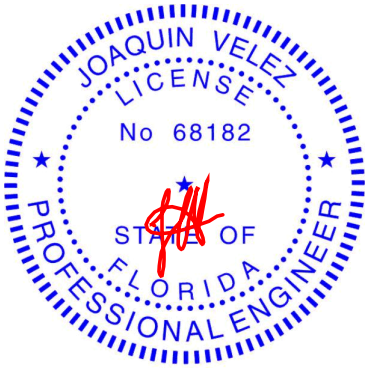
BRACING
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.

REACTIONS (size) 2=0-3-8, 8=0-3-8
Max Horiz 2=92 (LC 11)
Max Uplift 2=-49 (LC 12)
Max Grav 2=1444 (LC 1), 8=1316 (LC 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/54, 2-3=-2514/96, 3-4=-2201/109, 4-5=-2470/135, 5-6=-2470/135, 6-7=-2215/116, 7-8=-2549/106
BOT CHORD 2-13=-46/2195, 11-13=-46/2195, 9-11=-48/2243, 8-9=-48/2243
WEBS 3-12=-321/55, 4-12=0/373, 4-11=-23/736, 5-11=-506/115, 6-11=-17/726, 6-10=0/379, 7-10=-359/64, 3-13=0/139, 7-9=0/146

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=33ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-3-10, Zone1 1-3-10 to 9-0-0, Zone2 9-0-0 to 13-8-0, Zone1 13-8-0 to 24-0-0, Zone2 24-0-0 to 28-8-0, Zone1 28-8-0 to 33-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
7) All bearings are assumed to be SP No.2 .
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 49 lb uplift at joint 2.
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard



Joaquin Velez PE No.68182
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

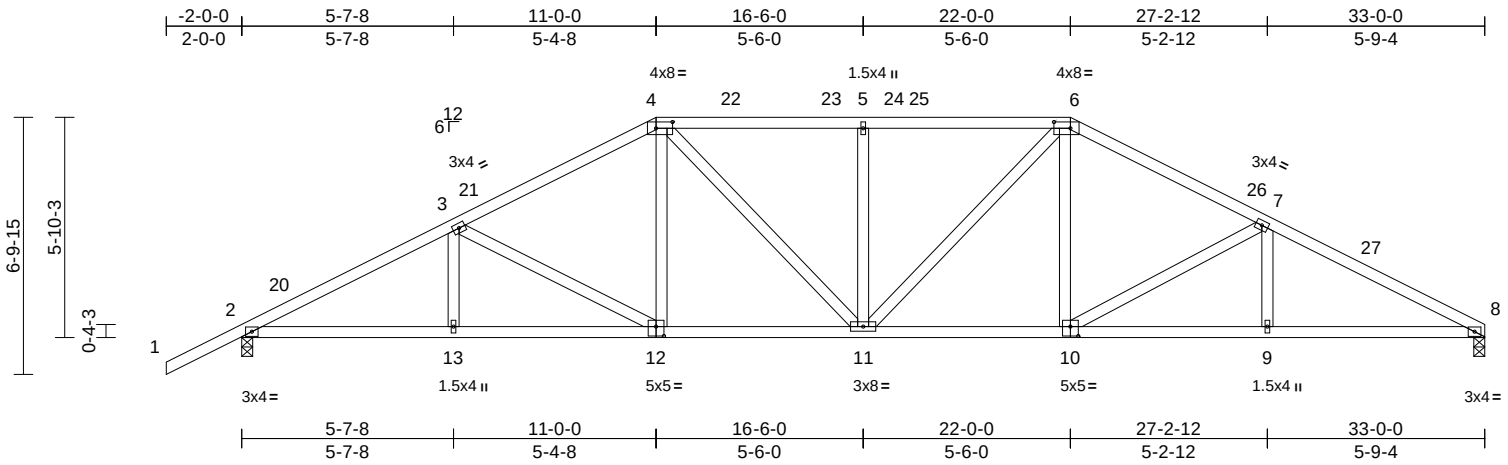
November 22,2024

MiTek®
16023 Swingley Ridge Rd.
Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	McCarthy
1124-062	A03	Hip	1	1	T35638031
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066,

Run: 8.73 S Oct 31 2024 Print: 8.730 S Oct 31 2024 MiTek Industries, Inc. Fri Nov 22 08:43:28 Page: 1
ID:6yPy6j2VxdUiiAlsem9nKtyGhKV-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



Scale = 1:61.2

Plate Offsets (X, Y): [4:0-5-4,0-2-0], [6:0-5-4,0-2-0], [10:0-2-8,0-3-0], [12:0-2-8,0-3-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.25	TC	0.32	Vert(LL)	-0.13	11	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.60	Vert(CT)	-0.27	10-11	>999	180		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.33	Horz(CT)	0.10	8	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-AS							Weight: 176 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

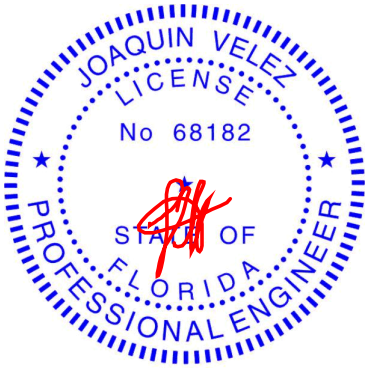
BRACING
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.

REACTIONS (size) 2=0-3-8, 8=0-3-8
Max Horiz 2=110 (LC 11)
Max Uplift 2=-49 (LC 12)
Max Grav 2=1444 (LC 1), 8=1316 (LC 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/54, 2-3=-2501/100, 3-4=-2040/123, 4-5=-1987/141, 5-6=-1987/141, 6-7=-2046/127, 7-8=-2514/107
BOT CHORD 2-13=-44/2180, 11-13=-44/2180, 9-11=-42/2208, 8-9=-42/2208
WEBS 3-13=0/216, 3-12=-482/61, 4-12=0/393, 4-11=-18/438, 5-11=-361/83, 6-11=-14/432, 6-10=0/398, 7-10=-514/68, 7-9=0/222

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=33ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-3-10, Zone1 1-3-10 to 11-0-0, Zone2 11-0-0 to 15-8-0, Zone1 15-8-0 to 22-0-0, Zone2 22-0-0 to 26-8-0, Zone1 26-8-0 to 33-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
7) All bearings are assumed to be SP No.2 .
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 49 lb uplift at joint 2.
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard



Joaquin Velez PE No.68182
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

November 22,2024

MiTek®
16023 Swingley Ridge Rd.
Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	McCarthy
1124-062	A04	Hip	1	1	T35638032
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066,

Run: 8.73 S Oct 31 2024 Print: 8.730 S Oct 31 2024 MiTek Industries, Inc. Fri Nov 22 08:43:29 Page: 1
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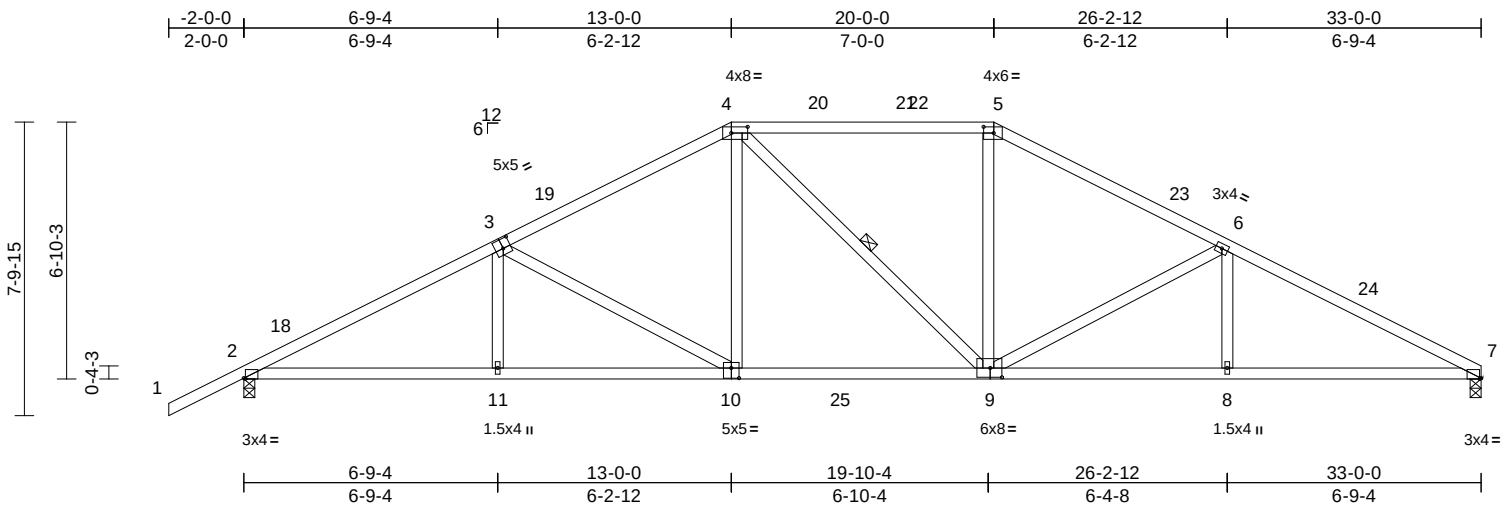


Scale = 1:61.4

Plate Offsets (X, Y): [2:0-0-8,Edge], [3:0-2-8,0-3-0], [4:0-5-4,0-2-0], [5:0-3-4,0-2-0], [7:0-0-8,Edge], [9:0-3-12,0-3-0], [10:0-2-8,0-3-4]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.25	TC	0.59	Vert(LL)	-0.18	9-10	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.76	Vert(CT)	-0.34	9-10	>999	180		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.65	Horz(CT)	0.11	7	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-AS							Weight: 168 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

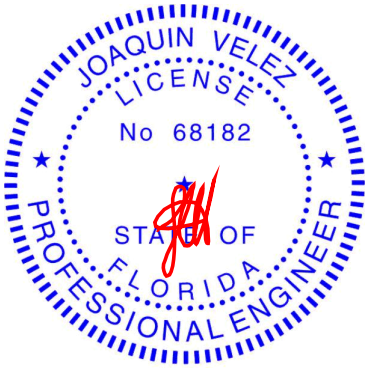
BRACING
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 4-9

REACTIONS (size) 2=0-3-8, 7=0-3-8
Max Horiz 2=127 (LC 11)
Max Uplift 2=-49 (LC 12)
Max Grav 2=1587 (LC 17), 7=1469 (LC 18)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/54, 2-4=-2708/134, 4-5=-1795/143, 5-6=-2064/135, 6-7=-2715/110
BOT CHORD 2-11=-37/2442, 8-11=-39/2437, 7-8=-36/2380
WEBS 3-11=0/262, 3-10=-685/69, 4-10=0/606, 4-9=-151/161, 5-9=0/572, 6-9=-726/75, 6-8=0/267

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=33ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-3-10, Zone1 1-3-10 to 13-0-0, Zone2 13-0-0 to 17-8-0, Zone1 17-8-0 to 20-0-0, Zone2 20-0-0 to 24-8-0, Zone1 24-8-0 to 33-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) All bearings are assumed to be SP No.2 .
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 49 lb uplift at joint 2.
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard



Joaquin Velez PE No.68182
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

November 22,2024

MiTek®
16023 Swingley Ridge Rd.
Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	McCarthy
1124-062	A05	Hip	1	1	T35638033
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066,

Run: 8.73 S Oct 31 2024 Print: 8.730 S Oct 31 2024 MiTek Industries, Inc. Fri Nov 22 08:43:29 Page: 1
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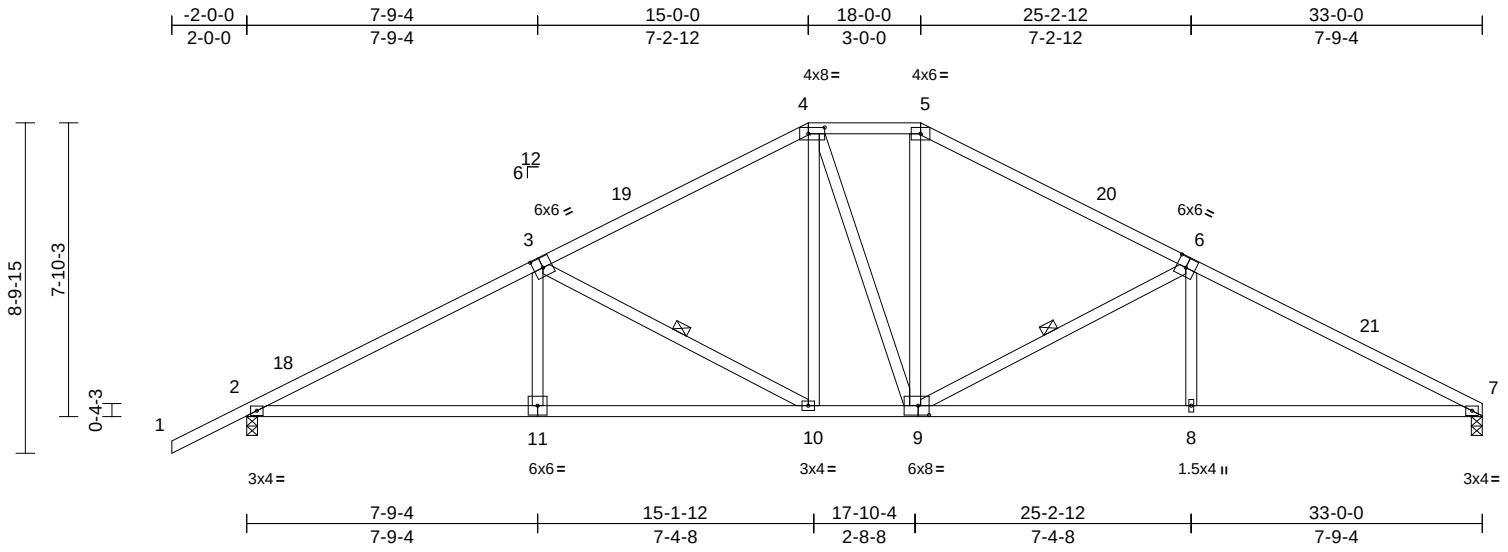


Scale = 1:61.5

Plate Offsets (X, Y): [3:0-3-0,0-3-4], [4:0-5-4,0-2-0], [6:0-3-0,0-3-4], [9:0-3-8,0-3-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.25	TC	0.58	Vert(LL)	-0.12	8-17	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.74	Vert(CT)	-0.27	10-11	>999	180		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.25	Horz(CT)	0.10	7	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-AS							Weight: 175 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

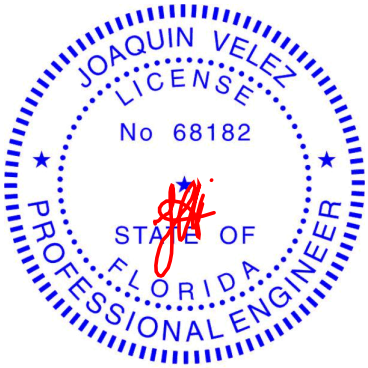
BRACING
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 3-10, 6-9

REACTIONS (size) 2=0-3-8, 7=0-3-8
Max Horiz 2=145 (LC 11)
Max Uplift 2=-49 (LC 12)
Max Grav 2=1444 (LC 1), 7=1316 (LC 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/54, 2-4=-2410/134, 4-5=-1444/146, 5-7=-2412/137
BOT CHORD 2-10=-25/2080, 8-10=-21/2100, 7-8=-26/2104
WEBS 3-11=0/328, 3-10=-733/77, 4-10=0/454, 4-9=-167/170, 5-9=0/455, 6-9=-756/83, 6-8=0/330

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=33ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-3-10, Zone1 1-3-10 to 15-0-0, Zone3 15-0-0 to 18-0-0, Zone2 18-0-0 to 22-8-0, Zone1 22-8-0 to 33-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
7) All bearings are assumed to be SP No.2 .
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 49 lb uplift at joint 2.
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard



Joaquin Velez PE No.68182
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

November 22,2024

MiTek®
16023 Swingley Ridge Rd.
Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	McCarthy
1124-062	A06	Hip	1	1	T35638034
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066,

Run: 8.73 S Oct 31 2024 Print: 8.730 S Oct 31 2024 MiTek Industries, Inc. Fri Nov 22 08:43:29 Page: 1
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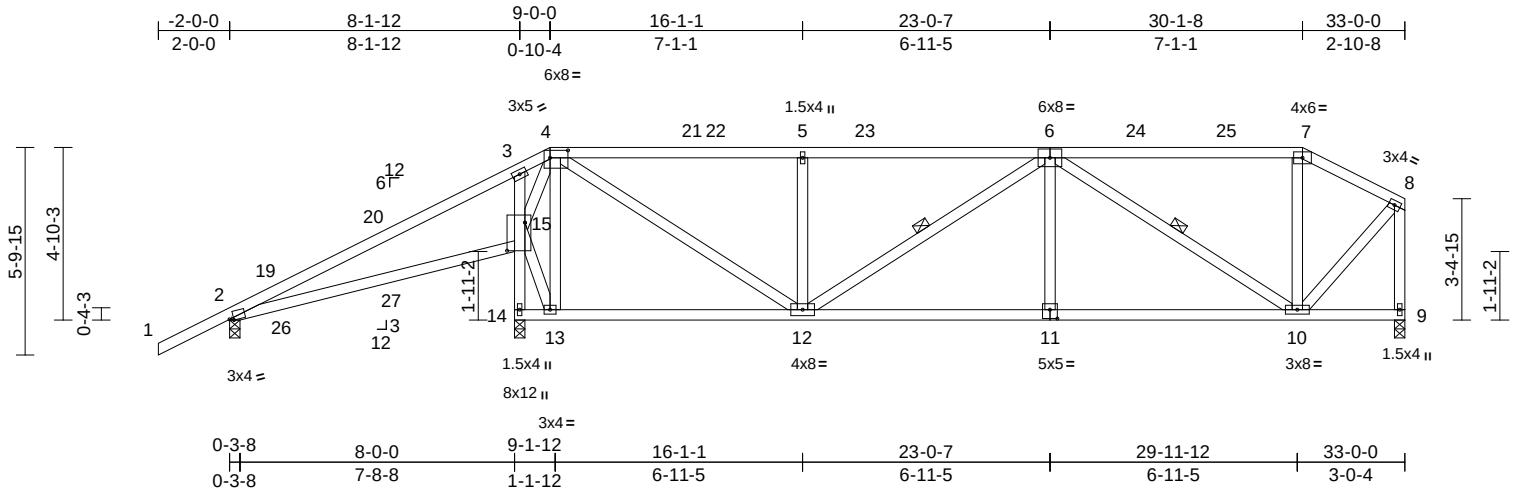


Scale = 1:64.7

Plate Offsets (X, Y): [2:0-1-7,Edge], [4:0-6-0,0-2-8], [11:0-2-8,0-3-0], [15:0-9-8,0-6-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.25	TC	0.59	Vert(LL)	0.12	15-18	>792	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.51	Vert(CT)	-0.21	15-18	>476	180		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.29	Horz(CT)	-0.02	14	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-AS							Weight: 188 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

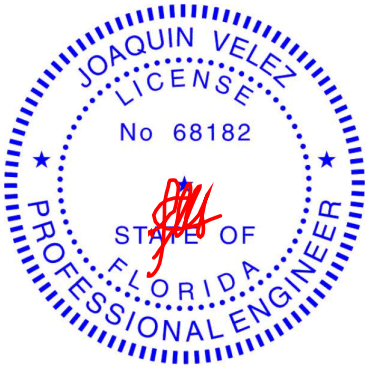
BRACING
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 6-12, 6-10

REACTIONS (size) 2=0-3-8, 9=0-3-8, 14=0-3-8
Max Horiz 2=178 (LC 11)
Max Uplift 2=-130 (LC 12), 9=-3 (LC 12), 14=-52 (LC 12)
Max Grav 2=417 (LC 23), 9=974 (LC 1), 14=1358 (LC 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/54, 2-3=-195/175, 3-4=-51/206, 4-5=-1188/125, 5-7=-1188/125, 7-8=-657/77, 8-9=-964/42
BOT CHORD 2-15=-248/190, 14-15=-1404/180, 3-15=-282/121, 13-14=-22/9, 12-13=-7/153, 10-12=-59/1327, 9-10=-46/49
WEBS 13-15=-41/462, 4-15=-793/0, 4-13=-291/130, 4-12=-38/1233, 5-12=-436/101, 6-12=-166/34, 6-11=0/284, 6-10=-910/31, 7-10=-29/114, 8-10=-31/858

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=33ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-3-10, Zone1 1-3-10 to 9-0-0, Zone2 9-0-0 to 13-8-0, Zone1 13-8-0 to 30-1-8, Zone3 30-1-8 to 32-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
7) All bearings are assumed to be SP No.2 .
8) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 130 lb uplift at joint 2, 52 lb uplift at joint 14 and 3 lb uplift at joint 9.
10) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard



Joaquin Velez PE No.68182
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

November 22,2024

MiTek®
16023 Swingley Ridge Rd.
Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	McCarthy
1124-062	A07	Hip	1	1	T35638035
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066,

Run: 8.73 S Oct 31 2024 Print: 8.730 S Oct 31 2024 MiTek Industries, Inc. Fri Nov 22 08:43:29 Page: 1
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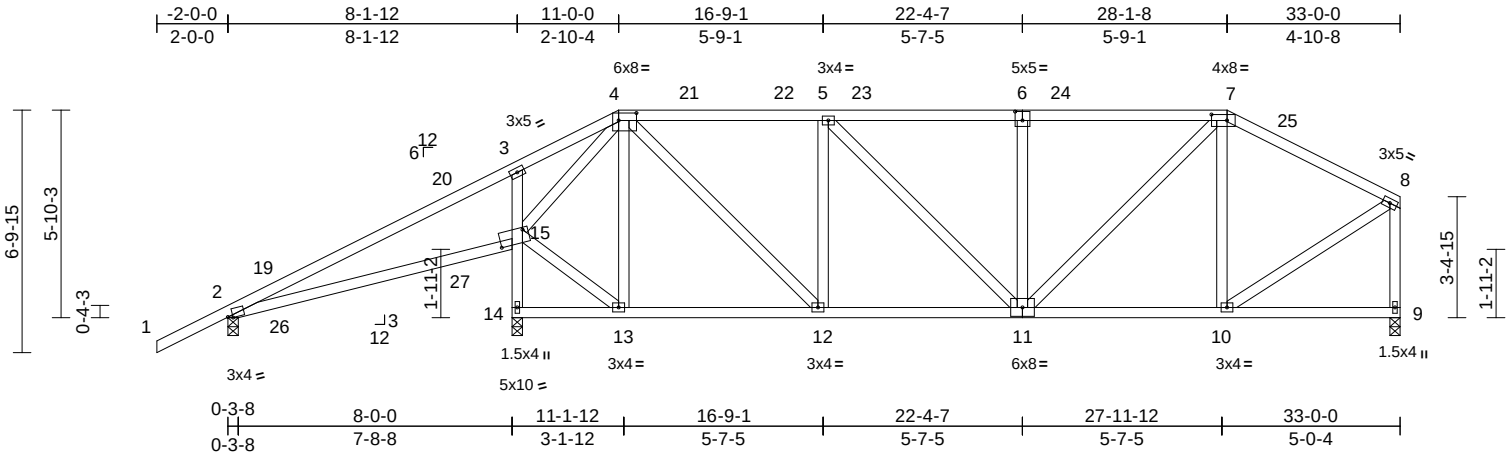


Scale = 1:64.9

Plate Offsets (X, Y): [2:0-1-11,0-0-9], [4:0-6-0,0-2-8], [6:0-2-8,0-3-0], [7:0-5-4,0-2-0], [15:0-8-4,0-4-4]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.25	TC	0.55	Vert(LL)	0.12	15-18	>814	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	-0.21	15-18	>470	180		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.24	Horz(CT)	0.01	9	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-AS							Weight: 199 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

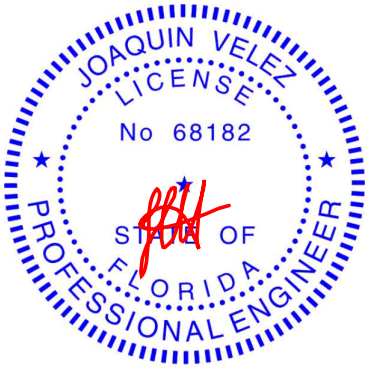
BRACING
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.

REACTIONS (size) 2=0-3-8, 9=0-3-8, 14=0-3-8
Max Horiz 2=190 (LC 11)
Max Uplift 2=-129 (LC 12), 9=-2 (LC 12), 14=-54 (LC 12)
Max Grav 2=444 (LC 23), 9=982 (LC 1), 14=1323 (LC 1)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/54, 2-3=-291/144, 3-4=-102/140, 4-5=-1022/132, 5-7=-1100/121, 7-8=-858/97, 8-9=-937/68
BOT CHORD 2-15=-197/240, 14-15=-1305/207, 3-15=-297/114, 13-14=-28/7, 12-13=-28/447, 10-12=-55/1022, 9-10=-37/56
WEBS 13-15=-46/578, 4-15=-702/0, 4-13=-252/85, 7-10=-338/84, 8-10=-24/819, 5-12=-446/88, 4-12=-27/808, 5-11=-19/119, 6-11=-356/83, 7-11=-17/585

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=33ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-3-10, Zone1 1-3-10 to 11-0-0, Zone2 11-0-0 to 15-8-0, Zone1 15-8-0 to 28-1-8, Zone3 28-1-8 to 32-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
7) All bearings are assumed to be SP No.2 .
8) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 129 lb uplift at joint 2, 54 lb uplift at joint 14 and 2 lb uplift at joint 9.
10) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard



Joaquin Velez PE No.68182
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Date:

November 22,2024

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Job	Truss	Truss Type	Qty	Ply	McCarthy
1124-062	CJ01	Diagonal Hip Girder	2	1	T35638036
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066,

Run: 8.73 S Oct 31 2024 Print: 8.730 S Oct 31 2024 MiTek Industries, Inc. Fri Nov 22 08:43:29

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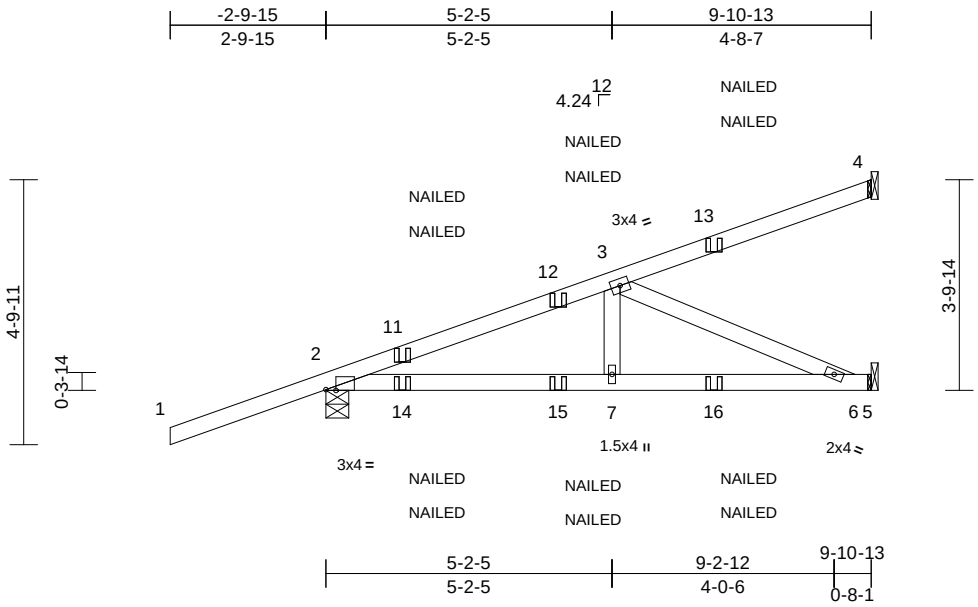


Scale = 1:41.8

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.25	TC	0.62	Vert(LL)	-0.06	7-10	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.60	Vert(CT)	-0.08	6-7	>999	180		
BCLL	0.0*	Rep Stress Incr	NO	WB	0.25	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-MS							Weight: 44 lb	FT = 20%

LUMBER

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING

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

REACTIONS (size) 2=0-4-15, 4= Mechanical, 5= Mechanical
Max Horiz 2=120 (LC 25)
Max Uplift 2=-151 (LC 8), 4=-32 (LC 8)
Max Grav 2=537 (LC 13), 4=141 (LC 1), 5=315 (LC 14)

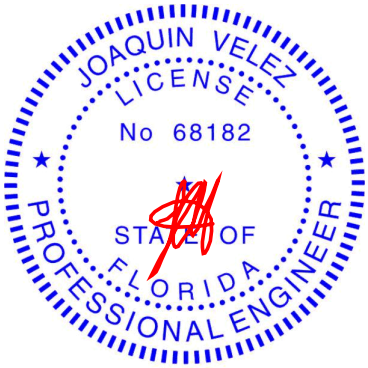
FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/57, 2-3=-745/222, 3-4=-76/38
BOT CHORD 2-7=-230/657, 6-7=-31/657, 5-6=0/0
WEBS 3-7=0/250, 3-6=-714/34

NOTES

1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
5) Bearings are assumed to be: , Joint 2 SP No.2 .
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 32 lb uplift at joint 4 and 151 lb uplift at joint 2.
8) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidlines.
9) 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 + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (lb/ft)
Vert: 1-4=-60, 5-8=-20
Concentrated Loads (lb)
Vert: 11=72 (F=36, B=36), 13=-71 (F=-36, B=-36), 14=82 (F=41, B=41), 15=6 (F=3, B=3), 16=-49 (F=-24, B=-24)



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Date:

November 22,2024

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Job	Truss	Truss Type	Qty	Ply	McCarthy T35638037
1124-062	J01	Jack-Open	11	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, Run: 8.73 S Oct 31 2024 Print: 8.730 S Oct 31 2024 MiTek Industries, Inc. Fri Nov 22 08:43:29 Page: 1
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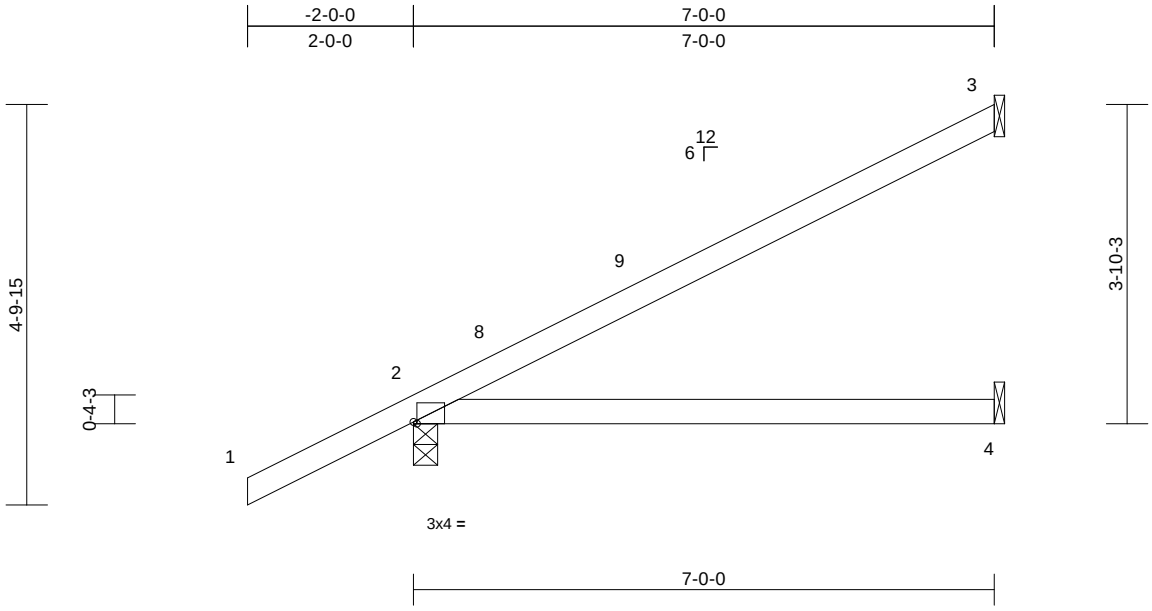


Scale = 1:27.8

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.25	TC	0.57	Vert(LL)	-0.09	4-7	>969	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.49	Vert(CT)	-0.20	4-7	>408	180		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-AS							Weight: 26 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

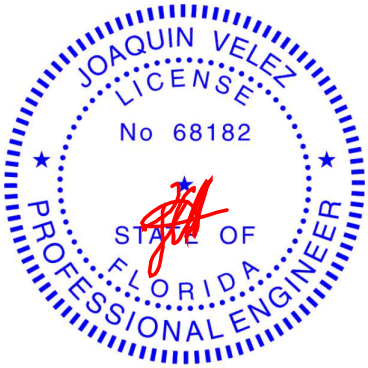
BRACING
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.

REACTIONS (size) 2=0-3-8, 3= Mechanical, 4= Mechanical
Max Horiz 2=119 (LC 12)
Max Uplift 2=-37 (LC 12), 3=-42 (LC 12)
Max Grav 2=415 (LC 1), 3=181 (LC 1), 4=123 (LC 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/54, 2-3=-227/64
BOT CHORD 2-4=-44/124

NOTES
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-0-0, Zone1 1-0-0 to 6-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
5) Bearings are assumed to be: , Joint 2 SP No.2 .
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 42 lb uplift at joint 3 and 37 lb uplift at joint 2.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard



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Date:

November 22,2024

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Job	Truss	Truss Type	Qty	Ply	McCarthy
1124-062	J02	Jack-Open	4	1	T35638038
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066,

Run: 8.73 S Oct 31 2024 Print: 8.730 S Oct 31 2024 MiTek Industries, Inc. Fri Nov 22 08:43:29 Page: 1
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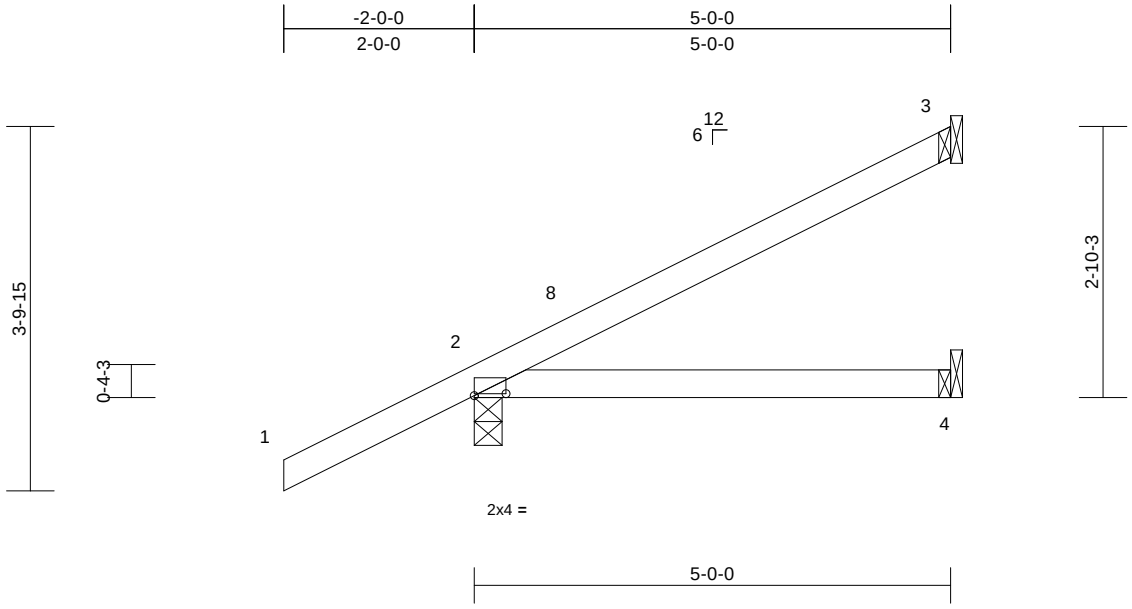


Scale = 1:24.2

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

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.25	TC	0.26	Vert(LL)	-0.02	4-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.23	Vert(CT)	-0.05	4-7	>999	180		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-AS							Weight: 19 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

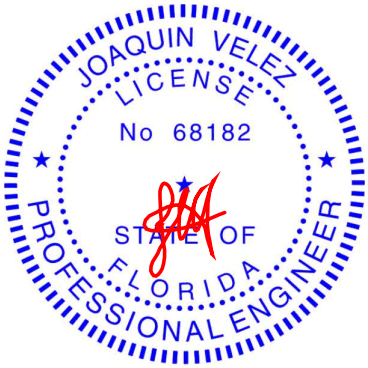
BRACING
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.

REACTIONS (size) 2=0-3-8, 3= Mechanical, 4= Mechanical
Max Horiz 2=96 (LC 12)
Max Uplift 2=-47 (LC 12), 3=-26 (LC 12)
Max Grav 2=342 (LC 1), 3=121 (LC 1), 4=86 (LC 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/54, 2-3=-215/72
BOT CHORD 2-4=-75/153

NOTES
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-0-0, Zone1 1-0-0 to 4-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
5) Bearings are assumed to be: , Joint 2 SP No.2 .
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 26 lb uplift at joint 3 and 47 lb uplift at joint 2.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

LOAD CASE(S) Standard



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Date:

November 22,2024

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Job	Truss	Truss Type	Qty	Ply	McCarthy T35638039
1124-062	J03	Jack-Open	4	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066,

Run: 8.73 S Oct 31 2024 Print: 8.730 S Oct 31 2024 MiTek Industries, Inc. Fri Nov 22 08:43:29 Page: 1
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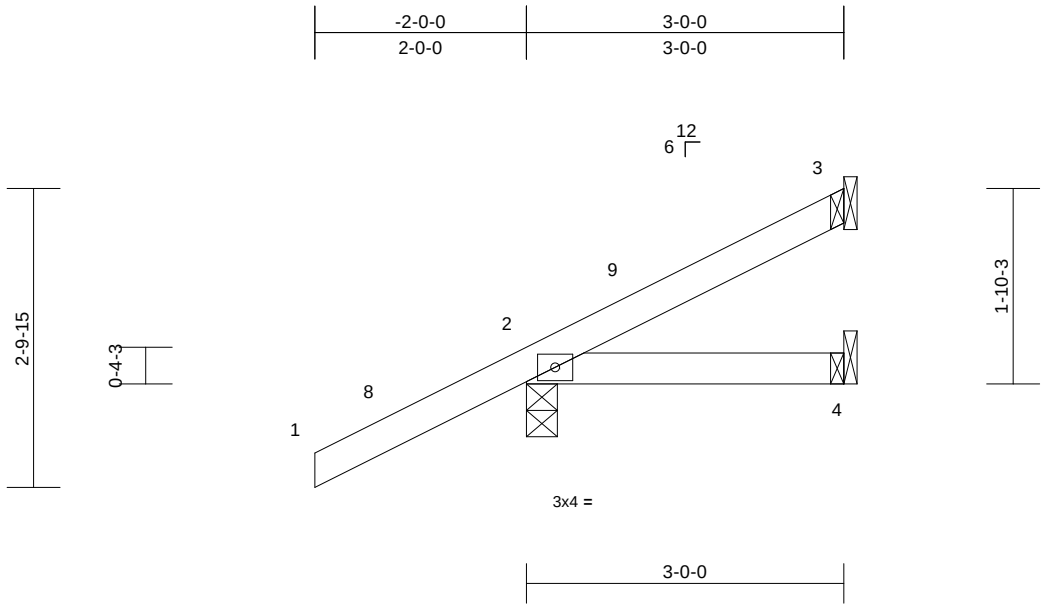


Scale = 1:21.8

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.25	TC	0.27	Vert(LL)	0.00	4-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	-0.01	4-7	>999	180		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-MP							Weight: 13 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

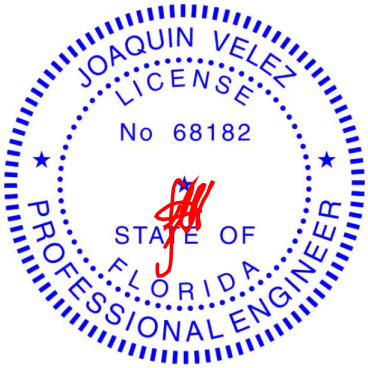
BRACING
TOP CHORD Structural wood sheathing directly applied or 3-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (size) 2=0-3-8, 3= Mechanical, 4= Mechanical
Max Horiz 2=72 (LC 12)
Max Uplift 2=-62 (LC 12), 3=-8 (LC 12)
Max Grav 2=278 (LC 1), 3=57 (LC 1), 4=47 (LC 3)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/54, 2-3=-185/92
BOT CHORD 2-4=-102/165

NOTES
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-0-0, Zone1 1-0-0 to 2-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
5) Bearings are assumed to be: , Joint 2 SP No.2 .
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 8 lb uplift at joint 3 and 62 lb uplift at joint 2.

LOAD CASE(S) Standard



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November 22,2024

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Job	Truss	Truss Type	Qty	Ply	McCarthy
1124-062	J04	Jack-Open	4	1	T35638040
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066,

Run: 8.73 S Oct 31 2024 Print: 8.730 S Oct 31 2024 MiTek Industries, Inc. Fri Nov 22 08:43:29 Page: 1
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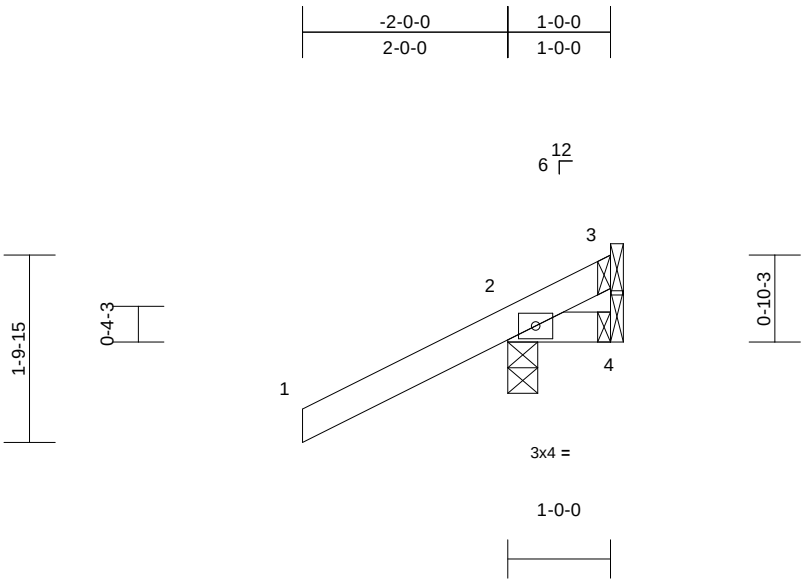


Scale = 1:22.4

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.25	TC	0.27	Vert(LL)	0.00	7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	0.00	7	>999	180		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-MP							Weight: 7 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

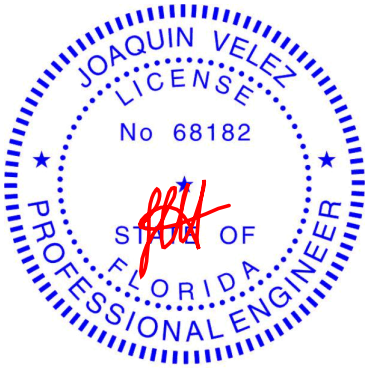
BRACING
TOP CHORD Structural wood sheathing directly applied or 1-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (size) 2=0-3-8, 3= Mechanical, 4= Mechanical
Max Horiz 2=48 (LC 12)
Max Uplift 2=-112 (LC 12), 3=-29 (LC 1), 4=-53 (LC 1)
Max Grav 2=281 (LC 1), 3=24 (LC 12), 4=39 (LC 12)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/54, 2-3=-126/87
BOT CHORD 2-4=-103/144

NOTES
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Zone3 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
5) Bearings are assumed to be: , Joint 2 SP No.2 .
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 112 lb uplift at joint 2, 53 lb uplift at joint 4 and 29 lb uplift at joint 3.

LOAD CASE(S) Standard



Joaquin Velez PE No.68182
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16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

November 22,2024

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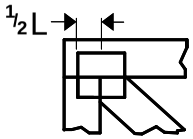
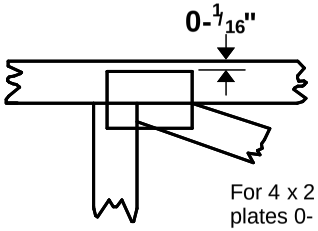
Symbols

PLATE LOCATION AND ORIENTATION



Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and fully embed teeth.



For 4 x 2 orientation, locate plates 0- 1/16" from outside edge of truss.

This symbol indicates the required direction of slots in connector plates.

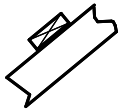
* Plate location details available in MiTek software or upon request.

PLATE SIZE

4 x 4

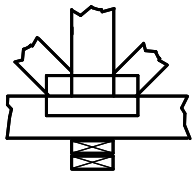
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



Indicated by symbol shown and/or by text in the bracing section of the output. Use T or I bracing if indicated.

BEARING

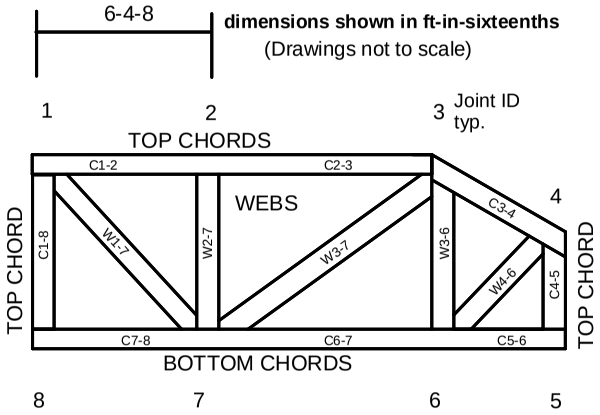


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number/letter where bearings occur. Min size shown is for crushing only.

Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-22: Design Standard for Bracing.
BCSI: Building Component Safety Information, Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

Product Code Approvals

ICC-ES Reports:

ESR-1988, ESR-2362, ESR-2685, ESR-3282
ESR-4722, ESL-1388

Design General Notes

Trusses are designed for wind loads in the plane of the truss unless otherwise shown.

Lumber design values are in accordance with ANSI/TPI 1 section 6.3 These truss designs rely on lumber values established by others.

MiTek®

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative Tor I bracing should be considered.
3. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
5. Cut members to bear tightly against each other.
6. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
8. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
9. Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
10. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
11. Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
12. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
13. Top chords must be sheathed or purlins provided at spacing indicated on design.
14. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
15. Connections not shown are the responsibility of others.
16. Do not cut or alter truss member or plate without prior approval of an engineer.
17. Install and load vertically unless indicated otherwise.
18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
19. Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
20. Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.
21. The design does not take into account any dynamic or other loads other than those expressly stated.