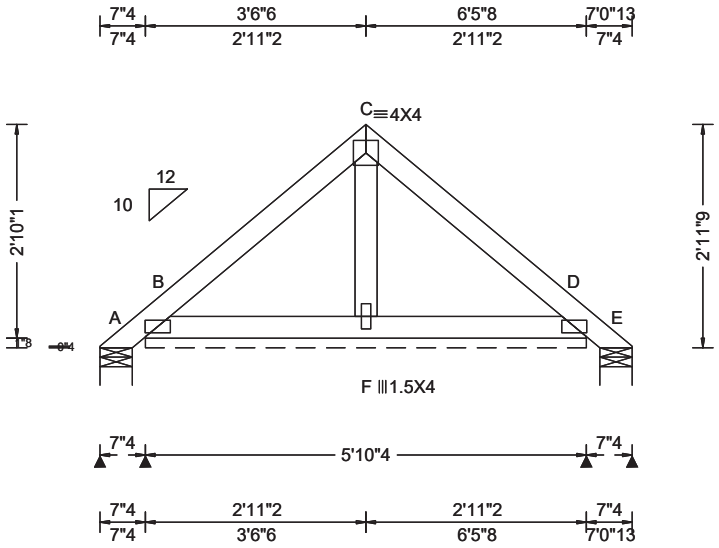
SEQN: 89849 / T50 / COMN FROM:	Ply: 1 Qty: 17 Wgt: 26.6 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** PB01	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.36 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.000 B	999	240
VERT(CL):	0.001 B	999	180
HORZ(LL):	0.000 B	-	-
HORZ(TL):	0.001 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.094
Max BC CSI: 0.037
Max Web CSI: 0.011
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	-	/-42	/-	/55	/72	/57
B*	94	/-	/-	/67	/16	/-
E	-	/-44	/-	/23	/35	/-

Wind reactions based on MWFRS
A Brg Width = 5.2 Min Req = 1.5
B Brg Width = 70.3 Min Req = -
E Brg Width = 5.2 Min Req = 1.5
Bearings A, B, & E are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	102	- 79	C - D	45	- 122
B - C	45	- 122	D - E	46	- 15

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - F	47	- 12	F - D	47	- 12

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.
C - F	0	- 78

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Plating Notes
All plates are 2X4(A1) except as noted.

Loading
Gable end supports 8" max rake overhang. Top chord must not be cut or notched.

Wind
Wind loads based on MWFRS with additional C&C member design.
Wind loading based on both gable and hip roof types.

Additional Notes
See DWGS A14030ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.

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Date: 2023.06.06 09:41:59-05'00'

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Columbia County Building Department
Plans Reviewed for Code Compliance
State of Florida

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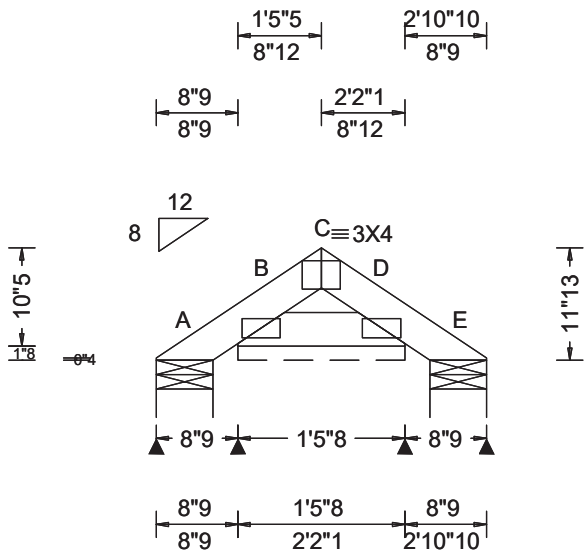
SEQN: 89863 / T8 / COMN	Ply: 1	**Job Number:** 23114-Bray	
FROM:	Qty: 2	Isaac Hart Residence	DRW:
	Wgt: 8.4 lbs	**Truss Label:** PB02	... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.000 D	999	240
VERT(CL):	0.000 D	999	180
HORZ(LL):	0.000 D	-	-
HORZ(TL):	0.000 D	-	-

Creep Factor: 2.0
Max TC CSI: 0.007
Max BC CSI: 0.005
Max Web CSI: 0.000
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	20	/-	/-	/18	/4	/15
B*	86	/-	/-	/63	/7	/-
E	20	/-	/-	/17	/4	/-

Wind reactions based on MWFRS
A Brg Width = 5.9 Min Req = 1.5
B Brg Width = 17.5 Min Req = -
E Brg Width = 5.9 Min Req = 1.5
Bearings A, B, & E are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	22	-23	C - D	8	-30
B - C	8	-30	D - E	8	-11

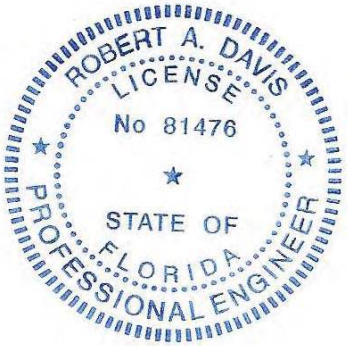
Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - D	18	-3

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

Plating Notes
All plates are 2X4(A1) except as noted.

Wind
Wind loads based on MWFRS with additional C&C member design.
Wind loading based on both gable and hip roof types.



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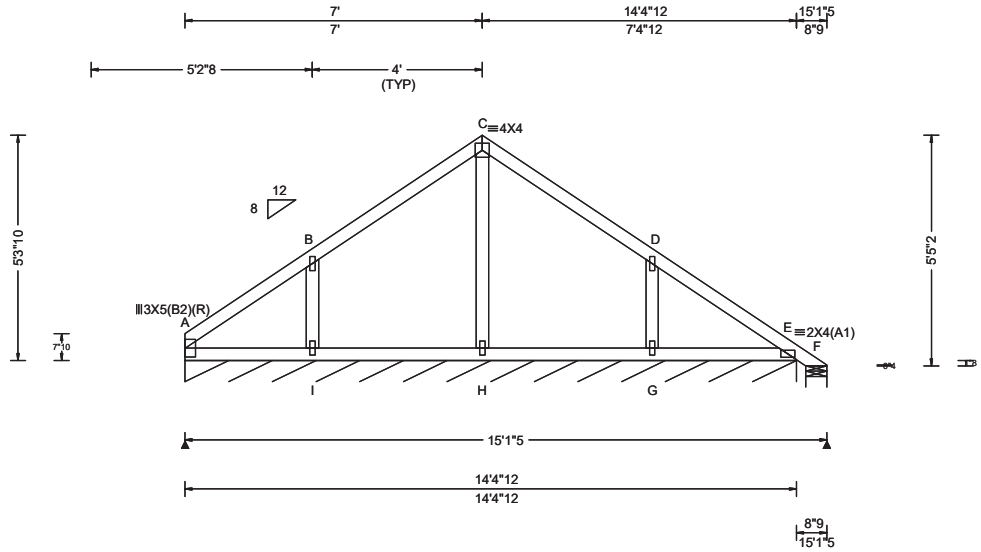
SEQN: 89856 / T54 / COMN FROM:	Ply: 1 Qty: 8 Wgt: 65.8 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** PB03	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 17.15 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	C	999	240
VERT(CL): 0.001	C	999	180
HORZ(LL): -0.001	A	-	-
HORZ(TL): 0.001	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.210
Max BC CSI: 0.091
Max Web CSI: 0.076
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
A*	61 /-	/-	/73	/-	/-
F	4 /-	/-	/6	/-	/-

Wind reactions based on MWFRS
A Brg Width = 172 Min Req = -
F Brg Width = 5.9 Min Req = 1.5
Bearings A & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	24	-79	D - E	19	-46
B - C	26	-119	E - F	0	-4
C - D	27	-118			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - I	37	0	H - G	27	0
I - H	27	0	G - E	37	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - I	0	-273	G - D	0	-261

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.
C - H	0	-177

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Plating Notes
All plates are 1.5X4 except as noted.

Loading
Gable end supports 8" max rake overhang. Top chord must not be cut or notched.

Wind
Wind loads based on MWFRS with additional C&C member design.
Wind loading based on both gable and hip roof types.

Additional Notes
See DWGS A14030ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.

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Date: 2023.06.06 09:42:08-05'00'

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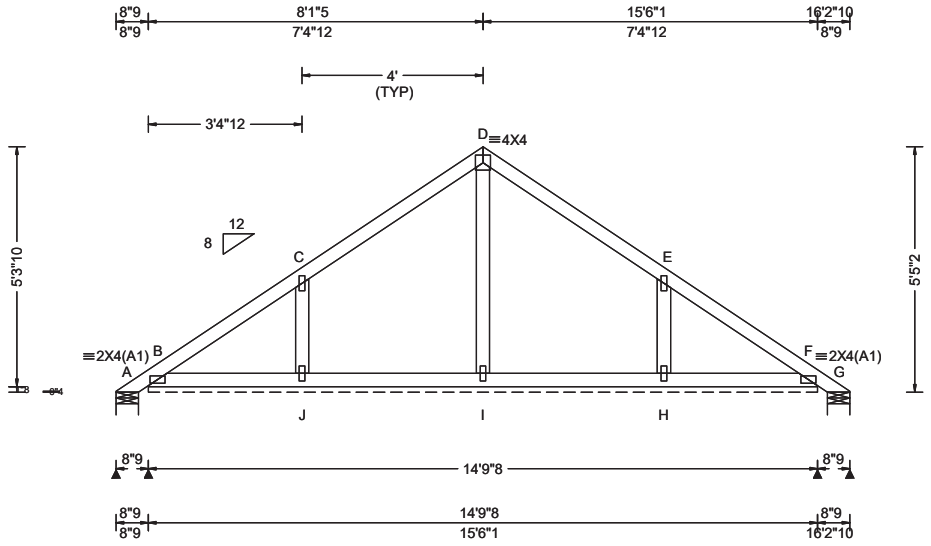
SEQN: 89858 / T57 / COMN FROM:	Ply: 1 Qty: 23 Wgt: 65.8 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** PB04	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 17.15 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 13.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	D	999	240
VERT(CL): 0.001	D	999	180
HORZ(LL): 0.001	E	-	-
HORZ(TL): 0.001	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.209
Max BC CSI: 0.053
Max Web CSI: 0.073
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	-	/-6	/-	/66	/69	/106
B*	73	/-	/-	/53	/1	/-
G	-	/-6	/-	/8	/11	/-

Wind reactions based on MWFRS
A Brg Width = 5.9 Min Req = 1.5
B Brg Width = 177 Min Req = -
G Brg Width = 5.9 Min Req = 1.5
Bearings A, B, & G are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	139	- 125	D - E	64	- 123
B - C	70	- 105	E - F	30	- 86
C - D	64	- 123	F - G	21	- 4

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - J	70	- 32	I - H	66	- 32
J - I	66	- 32	H - F	65	- 28

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
C - J	73	- 274	H - E	73	- 274
D - I	0	- 171			

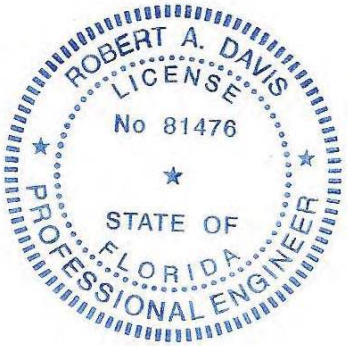
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Plating Notes
All plates are 1.5X4 except as noted.

Loading
Gable end supports 8" max rake overhang. Top chord must not be cut or notched.

Wind
Wind loads based on MWFRS with additional C&C member design.
Wind loading based on both gable and hip roof types.

Additional Notes
See DWGS A14030ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.



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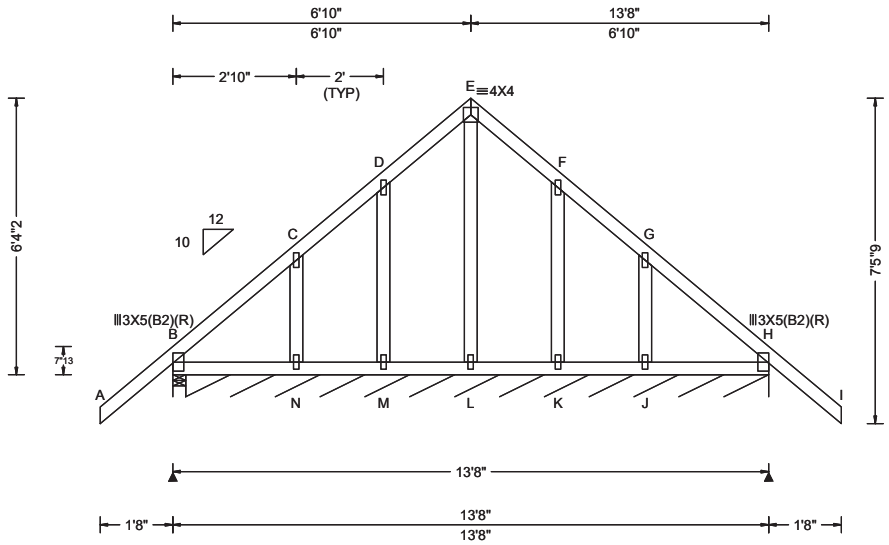
SEQN: 89832 / T2 / GABL FROM:	Ply: 1 Qty: 1 Wgt: 84.0 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** R01	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	E	999	240
VERT(CL): 0.001	E	999	180
HORZ(LL): 0.002	G	-	-
HORZ(TL): 0.002	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.221
Max BC CSI: 0.048
Max Web CSI: 0.093
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	247	/-	/-	/125	/14	/172
H*	87	/-	/-	/48	/3	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
H Brg Width = 160 Min Req = -
Bearings B & B are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	76	0	E - F	105	- 39
B - C	106	- 107	F - G	70	- 31
C - D	108	- 75	G - H	64	- 63
D - E	105	- 58	H - I	76	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - N	69	- 81	L - K	71	- 83
N - M	70	- 82	K - J	70	- 80
M - L	71	- 83	J - H	67	- 77

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
C - N	68	- 129	K - F	56	- 149
D - M	56	- 149	J - G	68	- 129
E - L	13	- 150			

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Plating Notes

All plates are 1.5X4 except as noted.

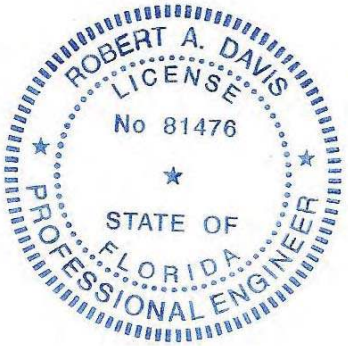
Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS A14015ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.



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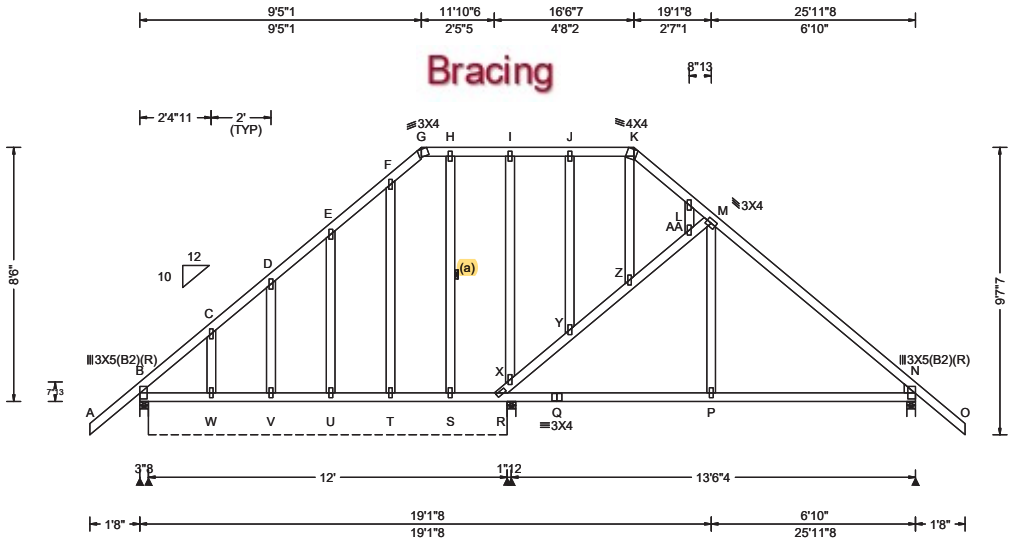
SEQN: 89835 / T3 / COMN	Ply: 1	**Job Number:** 23114-Bray	
FROM:	Qty: 1	Isaac Hart Residence	DRW:
	Wgt: 186.2 lbs	**Truss Label:** R02	... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.36 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.030	J	999	240
VERT(CL): 0.061	J	999	180
HORZ(LL): 0.028	Y	-	-
HORZ(TL): 0.058	Y	-	-

Creep Factor: 2.0
Max TC CSI: 0.473
Max BC CSI: 0.411
Max Web CSI: 0.255
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	391	/-	/-	/216	/-	/217
B*	92	/-	/-	/55	/18	/-
R	359	/-	/-	/194	/-	/-
N	791	/-	/-	/477	/-	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
B Brg Width = 144 Min Req = -
R Brg Width = 3.5 Min Req = 1.5
N Brg Width = 3.5 Min Req = 1.5
Bearings B, B, R, & N are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	76	0	H - I	0	-131
B - C	68	-255	I - J	0	-129
C - D	54	-213	J - K	0	-129
D - E	28	-213	K - L	0	-235
E - F	2	-220	L - M	0	-309
F - G	0	-179	M - N	0	-751
G - H	0	-133	N - O	76	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - W	227	-111	S - R	233	-111
W - V	230	-111	R - Q	942	0
V - U	231	-111	Q - P	471	0
U - T	232	-111	P - N	469	0
T - S	233	-111			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - W	77	-99	J - Y	10	-34
D - V	50	-140	Y - Z	84	-435
E - U	55	-143	Z - K	5	-26
F - T	64	-108	Z -AA	81	-419
H - S	31	-112	L -AA	69	-29
R - X	40	-622	AA- M	96	-456
I - X	0	-232	P - M	294	0
X - Y	90	-457			

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;
Rt Wedge: 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 1.5X4 except as noted.

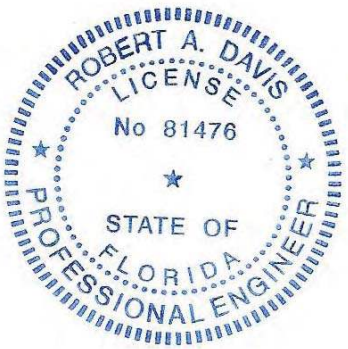
Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Blocking

Blocking reinforcement required to prevent buckling of members over the bearings:
Bearing 3 located at 12.3' (blocking >= 26.47" if used)



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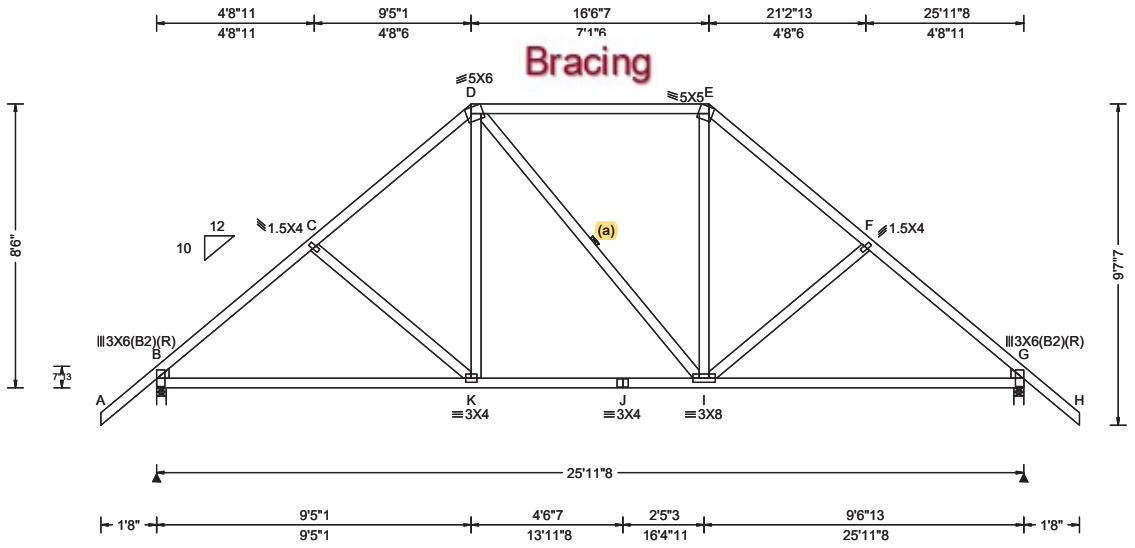
SEQN: 89838 / T52 / COMN	Ply: 1	**Job Number:** 23114-Bray	DRW:
FROM:	Qty: 12	Isaac Hart Residence	... / ... 06/06/2023
	Wgt: 154.0 lbs	**Truss Label:** R03	



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.052	K	999	249
VERT(CL): 0.103	K	999	249
HORZ(LL): 0.033	G	-	-
HORZ(TL): 0.066	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.607
Max BC CSI: 0.766
Max Web CSI: 0.136
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1312	/-	/-	/741	/-	/217
G	1295	/-	/-	/741	/-	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
G Brg Width = 3.5 Min Req = 1.5
Bearings B & G are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	76	0	E - F	0	- 1274
B - C	0	- 1531	F - G	0	- 1503
C - D	0	- 1306	G - H	76	0
D - E	0	- 921			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - K	1079	0	J - I	939	0
K - J	939	0	I - G	1059	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - K	124	- 186	I - E	387	0
D - K	385	0	I - F	124	- 189
D - I	84	- 80			

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;
Lt Wedge: 2x4 SP #2;Rt Wedge: 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

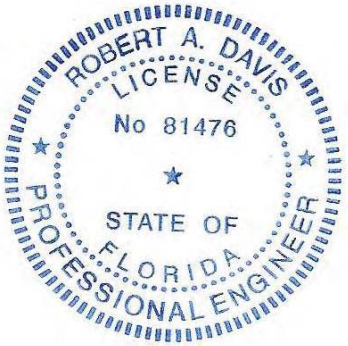
Loading

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.



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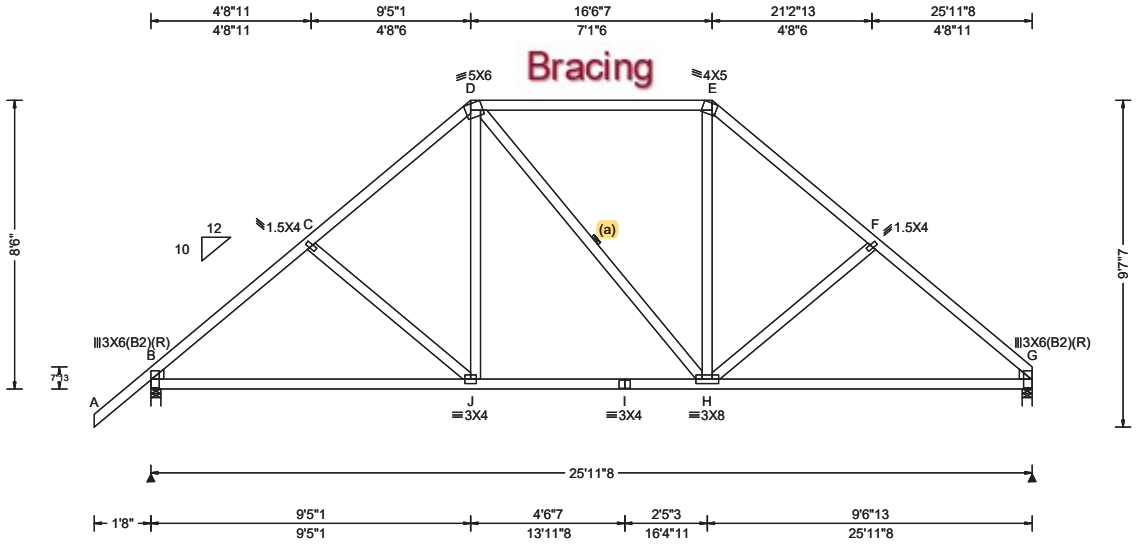
SEQN: 89841 / T53 / COMN	Ply: 1	**Job Number:** 23114-Bray	DRW:
FROM:	Qty: 3	Isaac Hart Residence	... / ... 06/06/2023
	Wgt: 151.2 lbs	**Truss Label:** R04	



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.050	J	999	249
VERT(CL): 0.100	J	999	249
HORZ(LL): 0.030	G	-	-
HORZ(TL): 0.059	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.612
Max BC CSI: 0.774
Max Web CSI: 0.149
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1316	/-	/-	/741	/-	/197
G	1173	/-	/-	/649	/-	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.6
G Brg Width = 3.5 Min Req = 1.5
Bearings B & G are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	76	0	D - E	0	-929
B - C	0	-1536	E - F	0	-1288
C - D	0	-1311	F - G	0	-1519

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - J	1083	0	I - H	943	0
J - I	943	0	H - G	1081	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - J	93	-186	H - E	393	0
D - J	385	0	H - F	96	-207
D - H	89	-80			

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;
Lt Wedge: 2x4 SP #2;Rt Wedge: 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

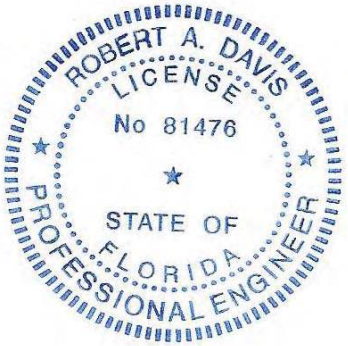
Loading

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.



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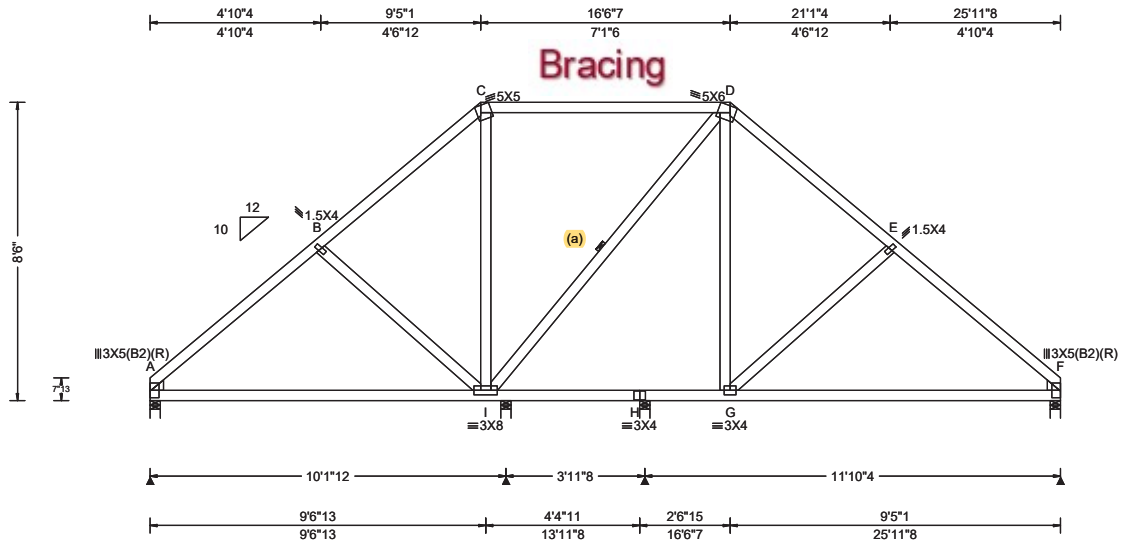
SEQN: 89847 / T5 / COMN	Ply: 1	**Job Number:** 23114-Bray	
FROM:	Qty: 1	Isaac Hart Residence	DRW:
	Wgt: 148.4 lbs	**Truss Label:** R05	... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.027	G	999	240
VERT(CL): 0.058	G	999	180
HORZ(LL): 0.014	F	-	-
HORZ(TL): 0.029	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.611
Max BC CSI: 0.751
Max Web CSI: 0.183
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;
Lt Wedge: 2x4 SP #2;Rt Wedge: 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
A	871	/-	/-	/535	/-	/161
I	432	/-	/-	/237	/-	/-
H	-	/-43	/-	/52	/-	/-
F	968	/-	/-	/615	/-	/-

Wind reactions based on MWFRS

A	Brg Width = 3.5	Min Req = 1.5
I	Brg Width = 3.5	Min Req = 1.5
H	Brg Width = 3.5	Min Req = 1.5
F	Brg Width = 3.5	Min Req = 1.5

Bearings A, I, H, & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-1054	D - E	0	-976
B - C	0	-819	E - F	0	-1206
C - D	0	-593			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - I	734	0	H - G	683	0
I - H	1367	0	G - F	846	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - I	96	-256	D - G	415	0
C - I	333	0	G - E	96	-240
I - D	36	-243			

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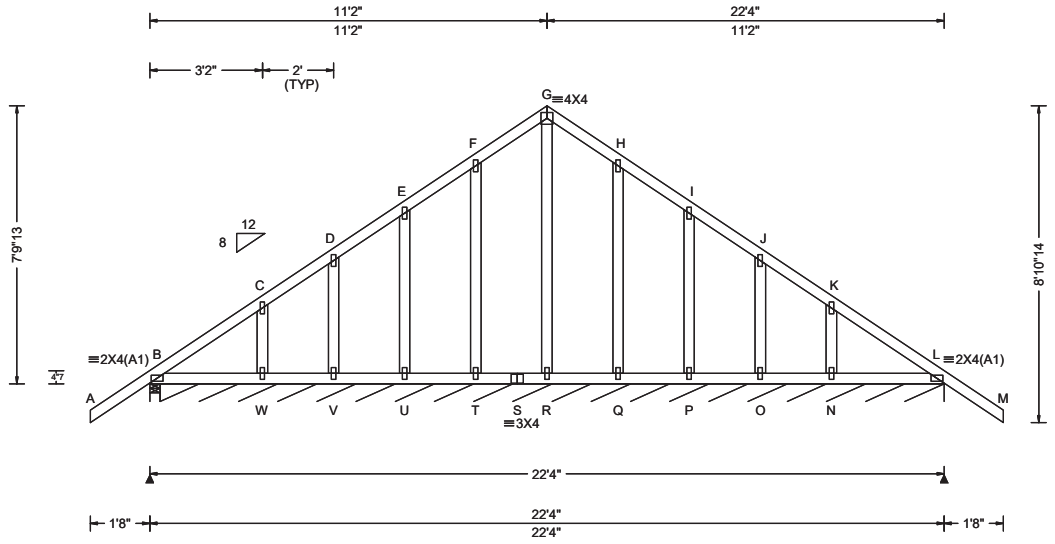
SEQN: 89861 / T19 / GABL	Ply: 1	**Job Number:** 23114-Bray	DRW:
FROM:	Qty: 1	Isaac Hart Residence	... / ... 06/06/2023
	Wgt: 137.2 lbs	**Truss Label:** R06	



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	G	999	240
VERT(CL): 0.001	H	999	182
HORZ(LL): 0.002	J	-	-
HORZ(TL): 0.003	J	-	-

Creep Factor: 2.0
Max TC CSI: 0.209
Max BC CSI: 0.050
Max Web CSI: 0.110
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Plating Notes

All plates are 1.5X4 except as noted.

Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS A14015ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.

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▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	284	/-	/-	/137	/11	/179
L*	83	/-	/-	/44	/3	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
L Brg Width = 264 Min Req = -
Bearings B & B are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	64	0	G - H	121	-49
B - C	107	-139	H - I	80	-32
C - D	96	-103	I - J	43	-36
D - E	94	-88	J - K	32	-41
E - F	94	-74	K - L	43	-75
F - G	121	-62	L - M	64	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - W	84	-71	R - Q	89	-71
W - V	86	-71	Q - P	88	-71
V - U	87	-71	P - O	87	-70
U - T	88	-71	O - N	86	-68
T - S	89	-71	N - L	84	-66
S - R	89	-71			

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
C - W	54	-135	Q - H	49	-145
D - V	41	-124	P - I	46	-124
E - U	46	-124	O - J	41	-124
F - T	49	-145	N - K	54	-135
G - R	19	-113			

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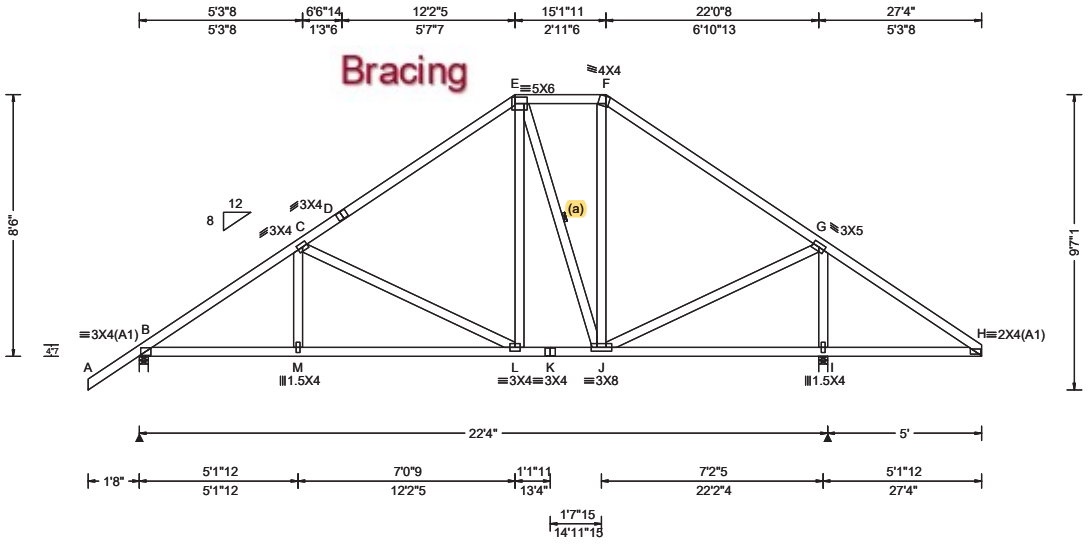
SEQN: 89871 / T21 / COMN	Ply: 1	**Job Number:** 23114-Bray	
FROM:	Qty: 2	Isaac Hart Residence	DRW:
	Wgt: 159.6 lbs	**Truss Label:** R07	... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Clos
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.030	M	999	240
VERT(CL): 0.063	M	999	211
HORZ(LL): 0.012	C	-	-
HORZ(TL): 0.025	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.593
Max BC CSI: 0.480
Max Web CSI: 0.539
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1032	/-	/-	/606	/37	/178
I	1404	/-	/-	/868	/8	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
I Brg Width = 3.5 Min Req = 1.5
Bearings B & I are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	64	0	E - F	120	-522
B - C	59	-1324	F - G	103	-754
C - D	67	-851	G - H	401	-32
D - E	104	-803			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - M	1037	-25	K - J	601	-4
M - L	1035	-26	J - I	30	-233
L - K	601	-4	I - H	31	-248

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
M - C	252	0	J - F	134	-60
C - L	82	-487	J - G	747	0
E - L	366	0	G - I	88	-1248
E - J	31	-279			

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Bracing

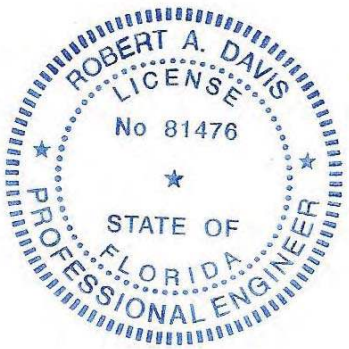
(a) Continuous lateral restraint equally spaced on member.

Wind

Wind loads based on MWFRS with additional C&C member design.

Right cantilever is exposed to wind

Wind loading based on both gable and hip roof types.



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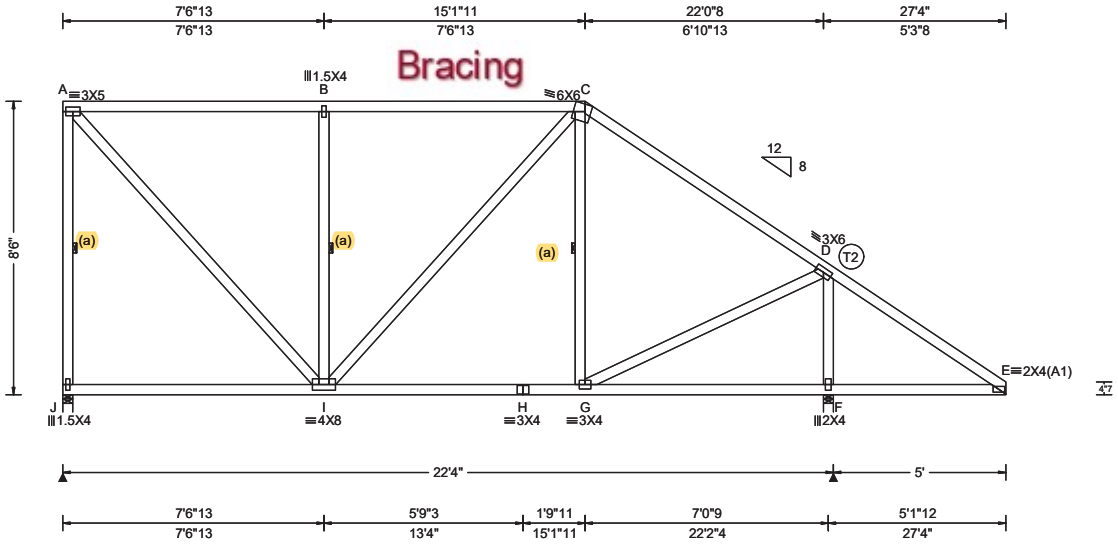
SEQN: 89876 / T55 / COMN FROM:	Ply: 1 Qty: 4 Wgt: 168.0 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** R08	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 17.15 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.029	B	999	240
VERT(CL): 0.053	B	999	212
HORZ(LL): 0.005	A	-	-
HORZ(TL): 0.009	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.556
Max BC CSI: 0.606
Max Web CSI: 0.742
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J	1105	/-	/-	/835	/-	/255
F	1518	/-	/-	/1046	/-	/-

Wind reactions based on MWFRS
J Brg Width = 3.5 Min Req = 1.5
F Brg Width = 3.5 Min Req = 1.5
Bearings J & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	9	- 703	C - D	34	- 884
B - C	9	- 704	D - E	413	- 34

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - I	282	- 112	G - F	31	- 240
I - H	636	0	F - E	29	- 258
H - G	636	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - J	0	- 954	G - D	890	0
A - I	1037	0	C - G	36	- 150
I - C	291	0	D - F	34	- 1385
B - I	33	- 556			

Lumber

Top chord: 2x4 SP SS Dense; T2 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

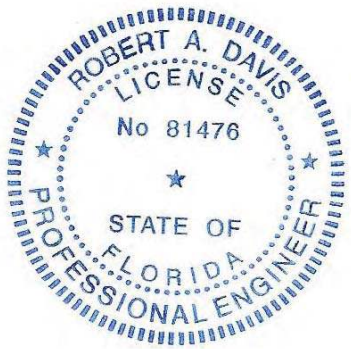
Wind

Wind loads based on MWFRS with additional C&C member design.

Left end vertical exposed to wind pressure. Deflection meets L/180.

Right cantilever is exposed to wind

Wind loading based on both gable and hip roof types.



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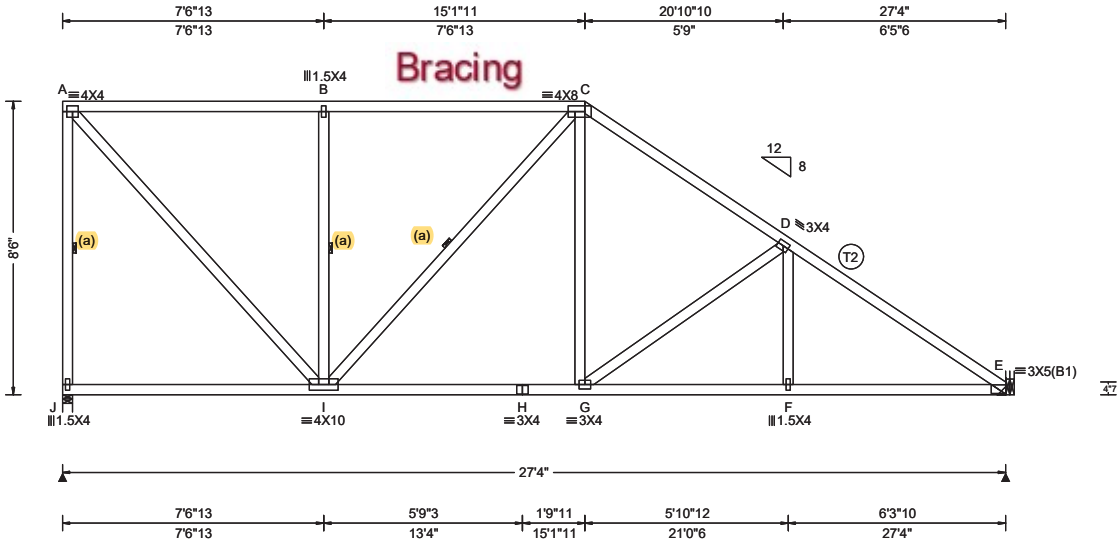
SEQN: 89880 / T31 / COMN FROM:	Ply: 1 Qty: 4 Wgt: 169.4 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** R09	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.058	G	999	261
VERT(CL): 0.107	G	999	261
HORZ(LL): 0.023	E	-	-
HORZ(TL): 0.042	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.421
Max BC CSI: 0.712
Max Web CSI: 0.770
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J	1362	/-	/-	/1023	/-	/255
E	1238	/-	/-	/793	/-	/-

Wind reactions based on MWFRS
J Brg Width = 3.5 Min Req = 1.6
E Brg Width = - Min Req = -
Bearing J is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	- 942	C - D	2	- 1429
B - C	0	- 942	D - E	0	- 1852

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - I	282	- 112	G - F	1455	0
I - H	1100	0	F - E	1457	0
H - G	1100	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - J	0	- 1210	G - D	93	- 440
A - I	1389	0	C - G	507	0
I - C	129	- 234	D - F	241	0
B - I	36	- 564			

Lumber

Top chord: 2x4 SP SS Dense; T2 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

(J) Hanger Support Required, by others

Loading

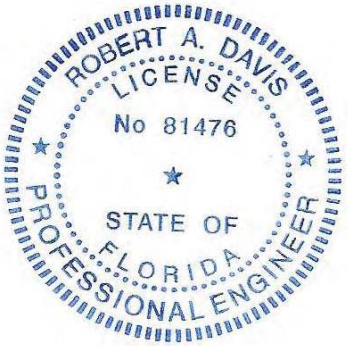
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

Wind loads based on MWFRS with additional C&C member design.

Left end vertical exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.



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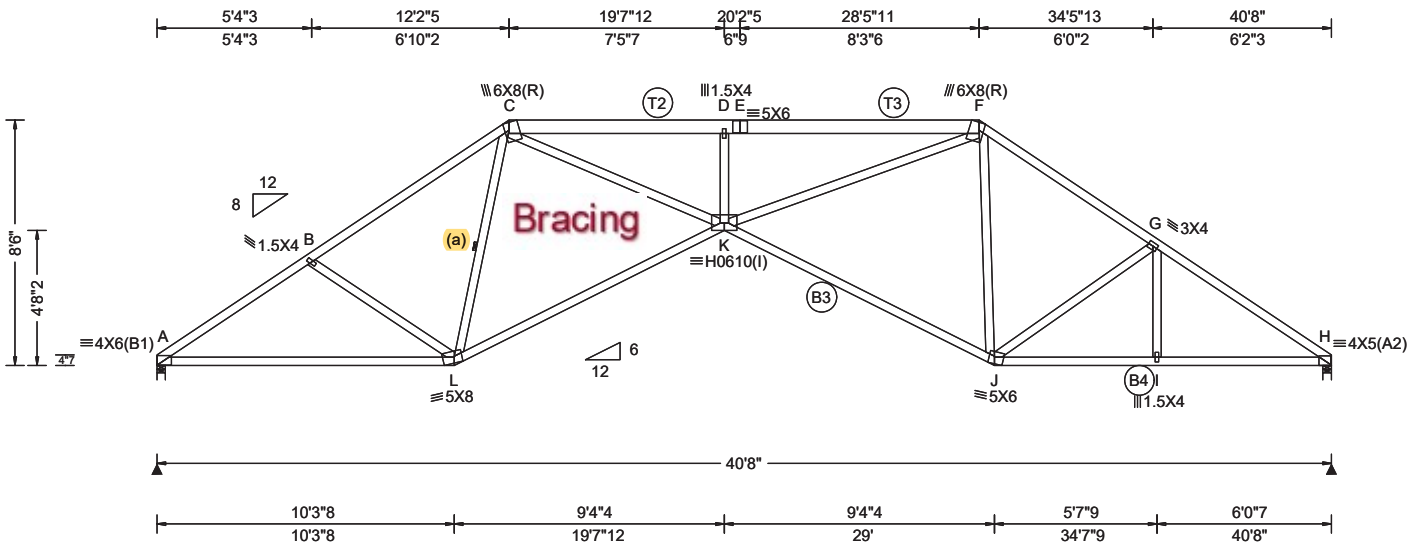
SEQN: 91079 / T26 / COMN FROM:	Ply: 1 Qty: 2 Wgt: 229.6 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** R10	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 4.07 ft
Loc. from endwall: not in 13.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.336	D	999	387
VERT(CL): 0.716	D	676	387
HORZ(LL): 0.195	H	-	-
HORZ(TL): 0.415	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.812
Max BC CSI: 0.981
Max Web CSI: 0.799
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	1732	/-	/-	/979	/-	/161
H	1730	/-	/-	/978	/-	/-

Wind reactions based on MWFRS
A Brg Width = 3.5 Min Req = 1.7
H Brg Width = 3.5 Min Req = 2.0
Bearings A & H are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	-2715	E - F	0	-5190
B - C	17	-2419	F - G	28	-2330
C - D	0	-5190	G - H	0	-2703
D - E	0	-5190			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - L	2193	0	J - I	2161	0
L - K	2357	0	I - H	2162	0
K - J	2165	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - L	90	-335	K - F	3538	0
L - C	12	-650	F - J	51	-539
C - K	3441	0	J - G	55	-374
D - K	93	-549	G - I	181	0

Lumber

Top chord: 2x4 SP #2; T2,T3 2x6 SP #2;
Bot chord: 2x4 SP SS Dense; B3,B4 2x4 SP #2;
Webs: 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

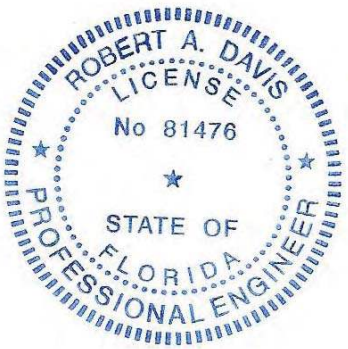
Plating Notes

(I) - plates so marked were sized using 0% Fabrication Tolerance, 0 degrees Rotational Tolerance, and/or zero Positioning Tolerance.

Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.



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Date: 2023.06.06 09:42:58-05'00'

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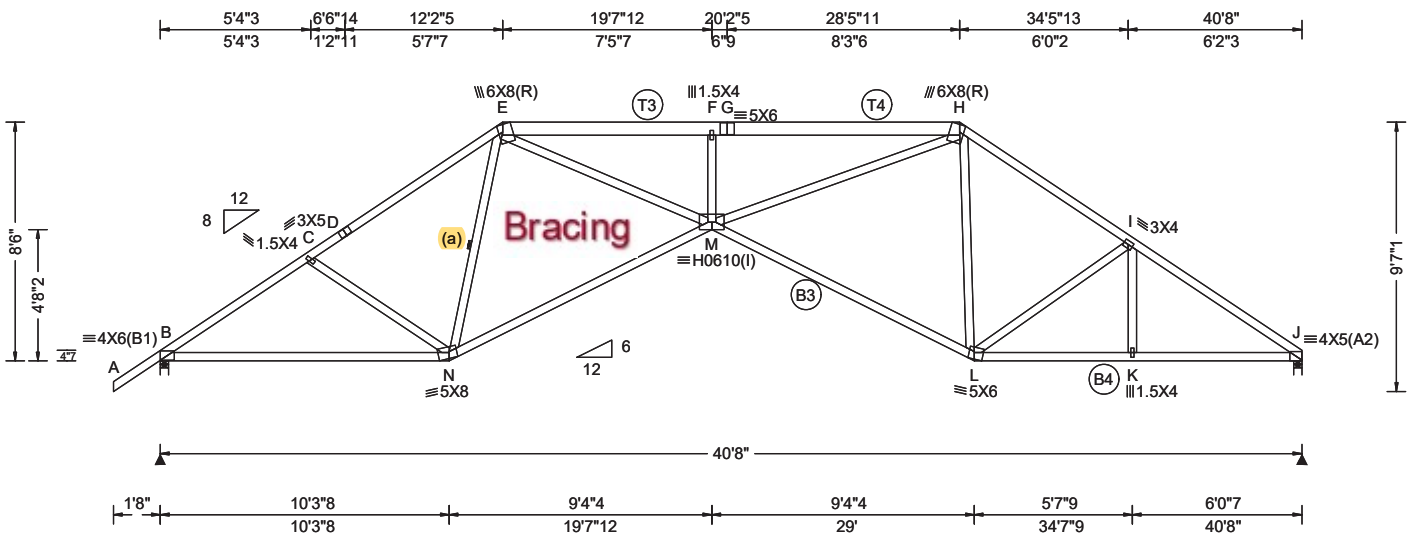
SEQN: 91085 / T24 / COMN	Ply: 1	**Job Number:** 23114-Bray	
FROM:	Qty: 4	Isaac Hart Residence	DRW:
	Wgt: 231.0 lbs	**Truss Label:** R11	... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 4.07 ft
Loc. from endwall: not in 13.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.339	F	999	387
VERT(CL): 0.716	F	676	387
HORZ(LL): 0.196	J	-	-
HORZ(TL): 0.415	J	-	-

Creep Factor: 2.0
Max TC CSI: 0.811
Max BC CSI: 0.981
Max Web CSI: 0.796
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

Lumber

Top chord: 2x4 SP #2; T3,T4 2x6 SP #2;
Bot chord: 2x4 SP SS Dense; B3,B4 2x4 SP #2;
Webs: 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

(I) - plates so marked were sized using 0% Fabrication Tolerance, 0 degrees Rotational Tolerance, and/or zero Positioning Tolerance.

Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

ROBERT A. DAVIS LICENSE No 81476 STATE OF FLORIDA PROFESSIONAL ENGINEER

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Date: 2023.06.06 09:43:02-05'00'

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▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1849	/-	/-	/1062	/-	/188
J	1727	/-	/-	/977	/-	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.9
J Brg Width = 3.5 Min Req = 2.0
Bearings B & J are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	64	0	F - G	0	-5173
B - C	0	-2691	G - H	0	-5173
C - D	0	-2401	H - I	27	-2325
D - E	13	-2355	I - J	0	-2698
E - F	0	-5173			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - N	2165	0	L - K	2157	0
N - M	2345	0	K - J	2158	0
M - L	2161	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - N	87	-318	M - H	3524	0
N - E	12	-661	H - L	51	-537
E - M	3435	0	L - I	55	-375
F - M	93	-548	I - K	181	0

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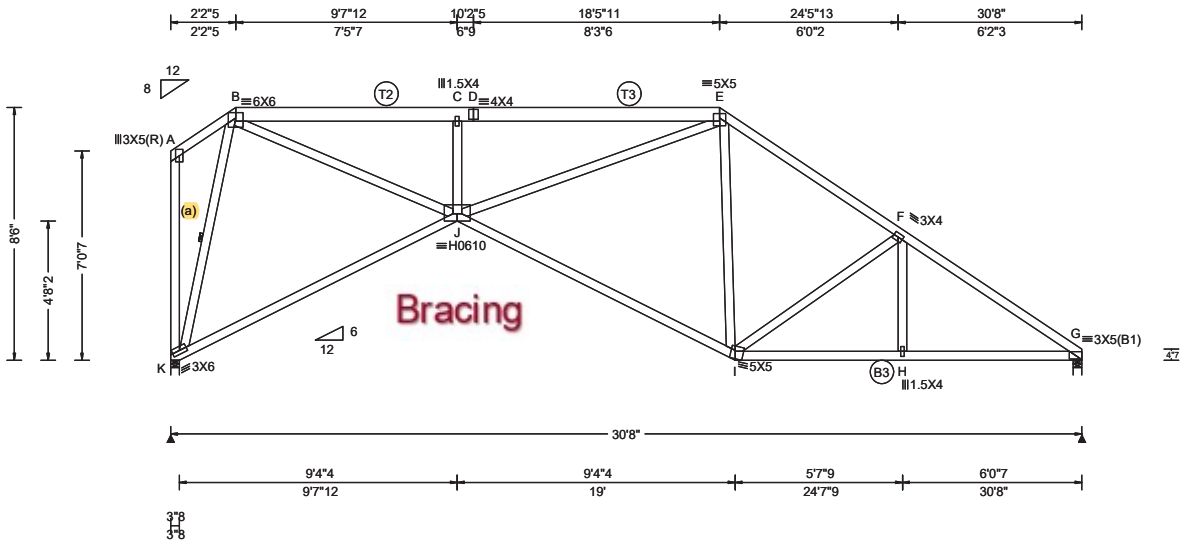
SEQN: 91091 / T20 / COMN FROM:	Ply: 1 Qty: 9 Wgt: 196.0 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** R12	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.07 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.120	C	999	293
VERT(CL): 0.256	C	999	293
HORZ(LL): 0.101	G	-	-
HORZ(TL): 0.215	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.460
Max BC CSI: 0.612
Max Web CSI: 0.580
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
K	1313	/-	/-	/688	/6	/238
G	1309	/-	/-	/756	/-	/-

Wind reactions based on MWFRS
K Brg Width = 3.5 Min Req = 1.5
G Brg Width = 3.5 Min Req = 1.5
Bearings K & G are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	159	- 115	D - E	0	- 2683
B - C	0	- 2683	E - F	62	- 1579
C - D	0	- 2683	F - G	11	- 1978

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
K - J	451	- 57	I - H	1562	0
J - I	1443	0	H - G	1564	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - K	90	- 94	J - E	1544	0
K - B	0	- 1376	E - I	49	- 211
B - J	2568	0	I - F	55	- 411
C - J	129	- 604	F - H	205	0

Lumber

Top chord: 2x4 SP #2; T2,T3 2x6 SP #2;
Bot chord: 2x4 SP SS Dense; B3 2x4 SP #2;
Webs: 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

Wind loads based on MWFRS with additional C&C member design.

Left end vertical exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.

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Date: 2023.06.06 09:43:07-05'00'

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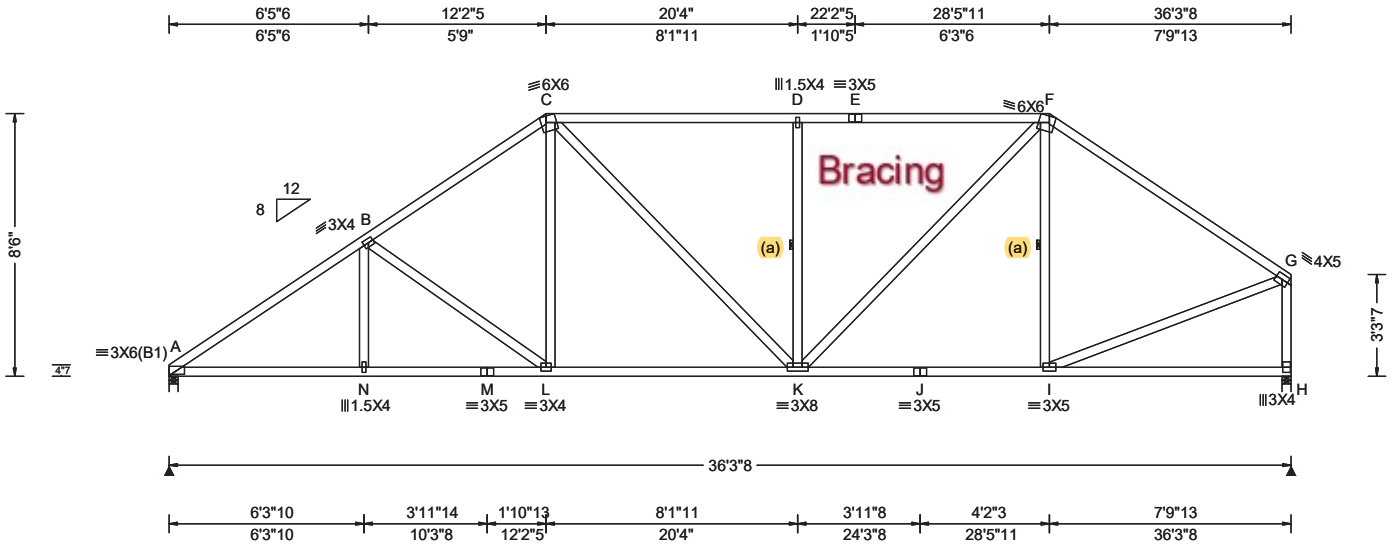
SEQN: 89892 / T28 / COMN FROM:	Ply: 1 Qty: 1 Wgt: 217.0 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** R13	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
Exp: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.63 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.086	D	999	347
VERT(CL): 0.182	D	999	347
HORZ(LL): 0.034	H	-	-
HORZ(TL): 0.072	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.994
Max BC CSI: 0.693
Max Web CSI: 0.393
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	1531	/-	/-	/867	/48	/194
H	1519	/-	/-	/806	/52	/-

Wind reactions based on MWFRS
A Brg Width = 3.5 Min Req = 1.8
H Brg Width = 3.5 Min Req = 1.8
Bearings A & H are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	110	- 2352	D - E	165	- 1707
B - C	152	- 1936	E - F	165	- 1708
C - D	165	- 1708	F - G	121	- 1556

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - N	1868	- 85	K - J	1194	- 42
N - M	1866	- 86	J - I	1194	- 42
M - L	1866	- 86	I - H	44	- 49
L - K	1529	- 48			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
N - B	220	0	D - K	110	- 534
B - L	80	- 419	F - I	85	- 266
C - L	476	0	I - G	1239	0
C - K	253	- 36	G - H	85	- 1453
K - F	729	- 27			

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Bracing

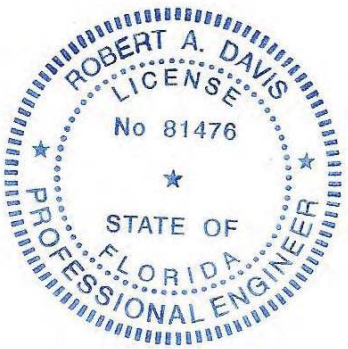
(a) Continuous lateral restraint equally spaced on member.

Wind

Wind loads based on MWFRS with additional C&C member design.

Right end vertical exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.



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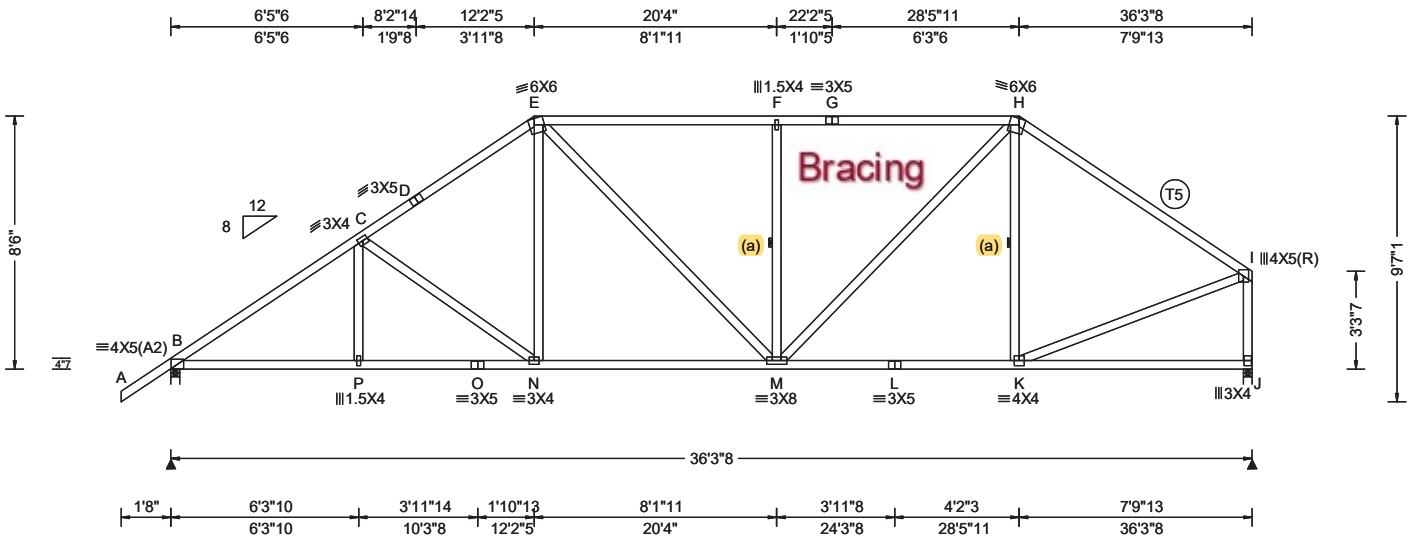
SEQN: 89895 / T61 / COMN	Ply: 1	**Job Number:** 23114-Bray	
FROM:	Qty: 6	Isaac Hart Residence	DRW:
	Wgt: 218.4 lbs	**Truss Label:** R14	... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.63 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.107	F	999	347
VERT(CL): 0.203	F	999	347
HORZ(LL): 0.043	J	-	-
HORZ(TL): 0.082	J	-	-

Creep Factor: 2.0
Max TC CSI: 0.766
Max BC CSI: 0.883
Max Web CSI: 0.346
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1793	/-	/-	/973	/-	/214
J	1697	/-	/-	/835	/-	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 2.1
J Brg Width = 3.5 Min Req = 2.0
Bearings B & J are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	64	0	E - F	0	-1956
B - C	0	-2568	F - G	0	-1955
C - D	0	-2192	G - H	0	-1956
D - E	0	-2125	H - I	0	-1770

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - P	2040	0	M - L	1373	0
P - O	2039	0	L - K	1373	0
O - N	2039	0	K - J	57	-50
N - M	1743	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
P - C	214	0	F - M	0	-533
C - N	105	-368	H - K	13	-215
E - N	501	0	K - I	1438	0
E - M	301	-1	I - J	0	-1642
M - H	826	0			

Lumber

Top chord: 2x4 SP #2; T5 2x4 SP SS Dense;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

Wind loads based on MWFRS with additional C&C member design.

Right end vertical exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.

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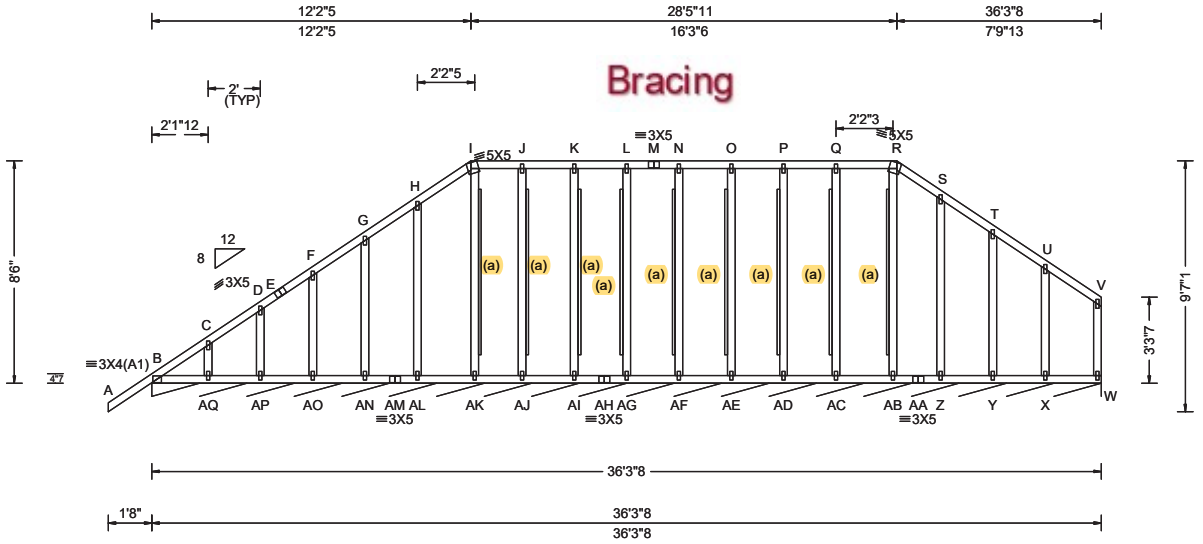
SEQN: 89902 / T25 / GABL	Ply: 1	**Job Number:** 23114-Bray	
FROM:	Qty: 1	Isaac Hart Residence	DRW:
Page 1 of 2	Wgt: 275.8 lbs	**Truss Label:** R15	... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.63 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	Q	999	347
VERT(CL): 0.002	Q	999	347
HORZ(LL): 0.005	V	-	-
HORZ(TL): 0.008	V	-	-

Creep Factor: 2.0
Max TC CSI: 0.209
Max BC CSI: 0.052
Max Web CSI: 0.122
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
W*	87	/-	/-	/47	/3	/6

Wind reactions based on MWFRS
W Brg Width = 435 Min Req = -
Bearing B is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	64	0	L - M	169	- 91
B - C	152	- 205	M - N	169	- 91
C - D	163	- 183	N - O	169	- 91
D - E	145	- 170	O - P	169	- 91
E - F	159	- 159	P - Q	169	- 91
F - G	157	- 156	Q - R	169	- 91
G - H	158	- 142	R - S	194	- 116
H - I	193	- 131	S - T	165	- 98
I - J	169	- 91	T - U	133	- 82
J - K	169	- 91	U - V	100	- 58
K - L	169	- 91			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AQ	185	- 164	AG-AF	60	- 43
AQ-AP	186	- 166	AF-AE	60	- 43
AP-AO	186	- 168	AE-AD	60	- 43
AO-AN	186	- 169	AD-AC	60	- 43
AN-AM	187	- 170	AC-AB	60	- 43
AM-AL	61	- 43	AB-AA	62	- 43
AL-AK	62	- 43	AA- Z	62	- 43
AK-AJ	60	- 43	Z - Y	62	- 43
AJ-AI	60	- 43	Y - X	61	- 44
AI-AH	60	- 43	X - W	60	- 44
AH-AG	60	- 43			

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
C -AQ	37	- 76	N -AF	29	- 128
D -AP	46	- 135	O -AE	28	- 128
F -AO	44	- 125	P -AD	28	- 123
G -AN	45	- 123	Q -AC	34	- 156
H -AL	51	- 147	AB- R	30	- 109
I -AK	51	- 109	Z - S	45	- 132
J -AJ	28	- 140	Y - T	45	- 124
K -AI	29	- 127	X - U	50	- 142

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Bracing

(a) 1x4 #3SRB SPF-S or better "L" reinforcement. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" oc.

Plating Notes

All plates are 1.5X4 except as noted.

Wind

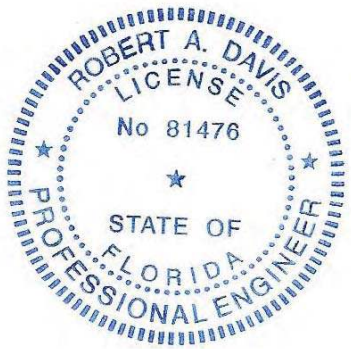
Wind loads based on MWFRS with additional C&C member design.

Right end vertical exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS A14015ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.



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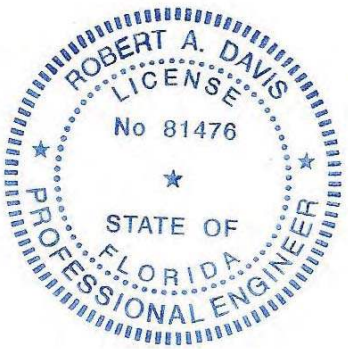
SEQN: 89902 / T25 / GABL	Ply: 1	**Job Number:** 23114-Bray	
FROM:	Qty: 1	Isaac Hart Residence	DRW:
Page 2 of 2	Wgt: 275.8 lbs	**Truss Label:** R15	... / ... 06/06/2023

L -AG 28 - 128 V - W 57 - 57



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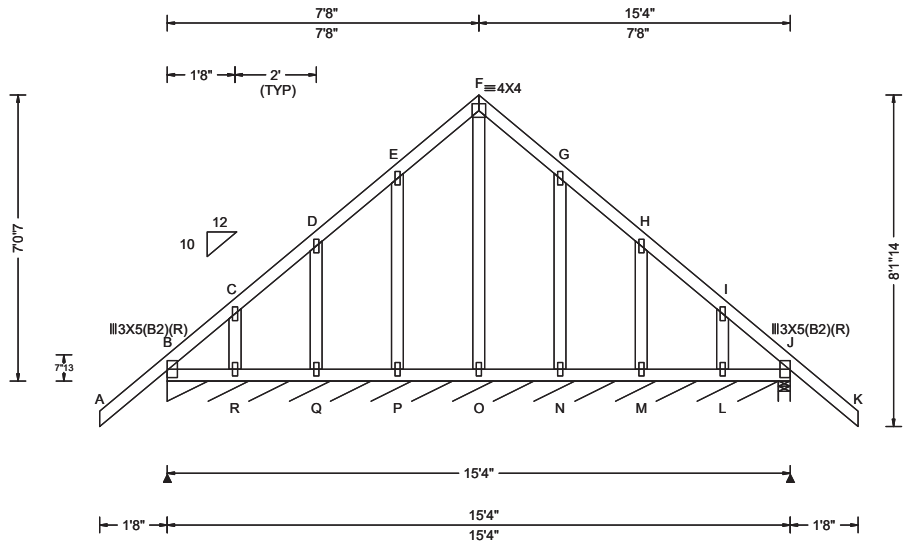
SEQN: 89760 / T17 / GABL FROM:	Ply: 1 Qty: 1 Wgt: 102.2 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** R16	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	F	999	240
VERT(CL): 0.002	F	999	180
HORZ(LL): 0.002	H	-	-
HORZ(TL): 0.003	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.221
Max BC CSI: 0.039
Max Web CSI: 0.125
Mfg Specified Camber:

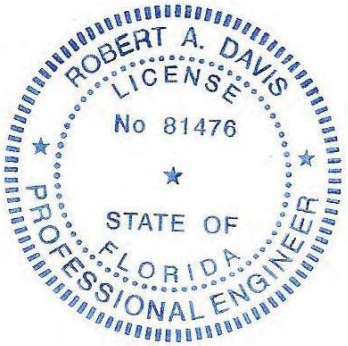
VIEW Ver: 22.02.01.1115.13

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Plating Notes
All plates are 1.5X4 except as noted.

Wind
Wind loads based on MWFRS with additional C&C member design.
Wind loading based on both gable and hip roof types.

Additional Notes
See DWGS A14015ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.



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▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B*	89	/-	/-	/51	/4	/12
J	222	/-	/-	/140	/23	/-

Wind reactions based on MWFRS
B Brg Width = 180 Min Req = -
J Brg Width = 3.5 Min Req = 1.5
Bearings B & J are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	76	0	F - G	109	-34
B - C	111	-127	G - H	79	-15
C - D	117	-88	H - I	77	-34
D - E	111	-70	I - J	48	-65
E - F	109	-53	J - K	76	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - R	79	-93	O - N	85	-95
R - Q	82	-94	N - M	83	-93
Q - P	83	-94	M - L	82	-90
P - O	85	-95	L - J	79	-88

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
C - R	47	-63	N - G	60	-148
D - Q	55	-135	M - H	55	-135
E - P	60	-148	L - I	47	-63
F - O	12	-161			

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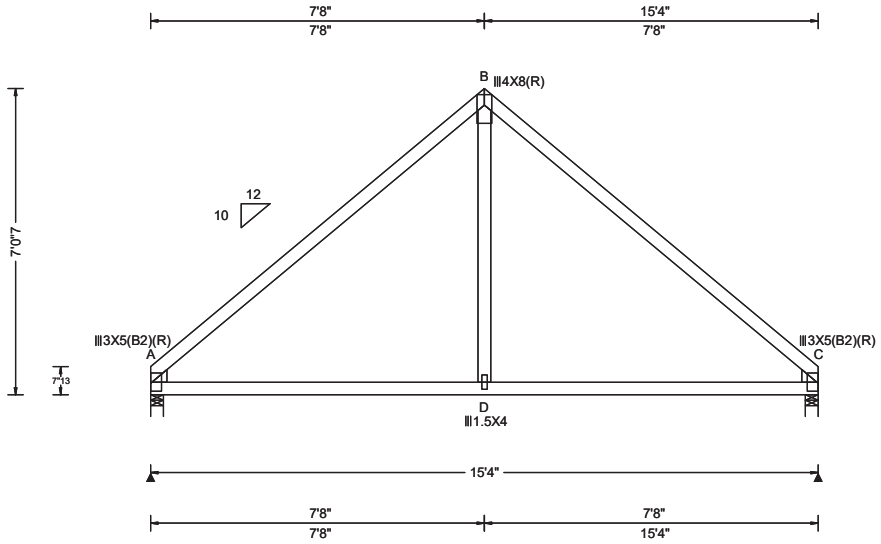
SEQN: 89758 / T16 / COMN FROM:	Ply: 1 Qty: 2 Wgt: 68.6 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** R17	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.007	D	999	240
VERT(CL): 0.013	D	999	180
HORZ(LL): 0.009	A	-	-
HORZ(TL): 0.016	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.744
Max BC CSI: 0.662
Max Web CSI: 0.096
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	791	/-	/-	/376	/5	/129
C	791	/-	/-	/376	/5	/-

Wind reactions based on MWFRS
A Brg Width = 3.5 Min Req = 1.5
C Brg Width = 3.5 Min Req = 1.5
Bearings A & C are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	57	-912	B - C	57	-912

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - D	588	0	D - C	588	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - D	424	0

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;
Lt Wedge: 2x4 SP #2;Rt Wedge: 2x4 SP #2;

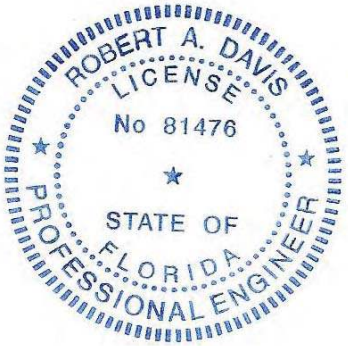
Loading

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.



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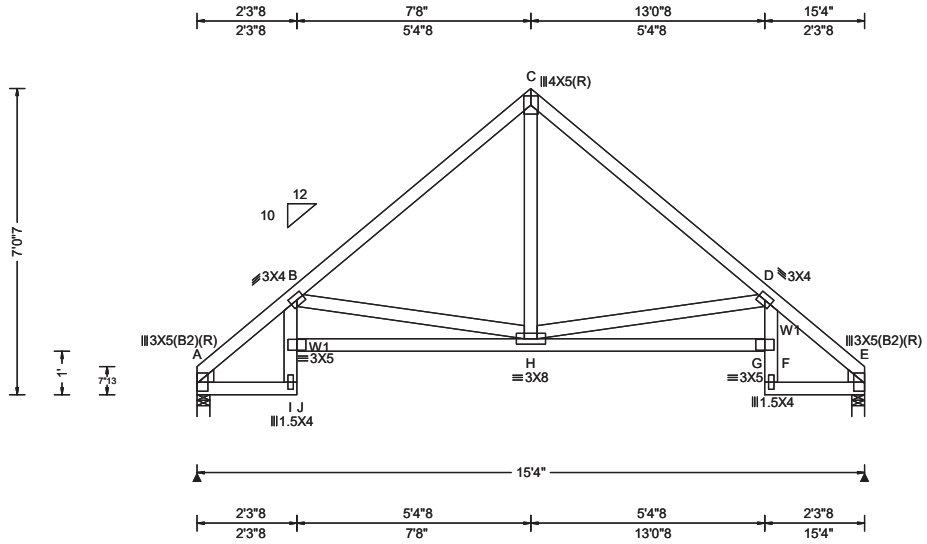
SEQN: 89756 / T18 / COMN FROM:	Ply: 1 Qty: 6 Wgt: 92.4 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** R18	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
T/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.071	H	999	240
VERT(CL): 0.152	H	999	180
HORZ(LL): 0.109	E	-	-
HORZ(TL): 0.235	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.415
Max BC CSI: 0.540
Max Web CSI: 0.539
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	660	/-	/-	/376	/5	/153
E	660	/-	/-	/376	/5	/-

Wind reactions based on MWFRS
A Brg Width = 3.5 Min Req = 1.5
E Brg Width = 3.5 Min Req = 1.5
Bearings A & E are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	37	-849	C - D	54	-736
B - C	54	-736	D - E	37	-849

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - J	597	-47	H - F	1081	-44
I - H	1081	-66	G - E	597	-12

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
I - J	33	0	H - D	101	-600
I - B	96	0	D - F	96	0
B - H	101	-600	F - G	33	0
C - H	449	0			

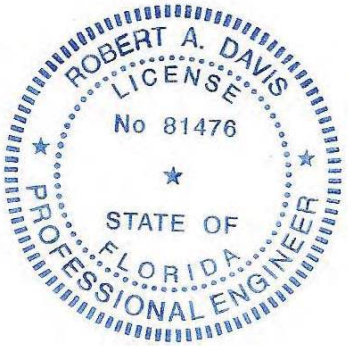
Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2; W1 2x4 SP SS Dense;
Lt Wedge: 2x4 SP #2;Rt Wedge: 2x4 SP #2;

Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.



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Date: 2023.06.06 09:43:39-05'00'

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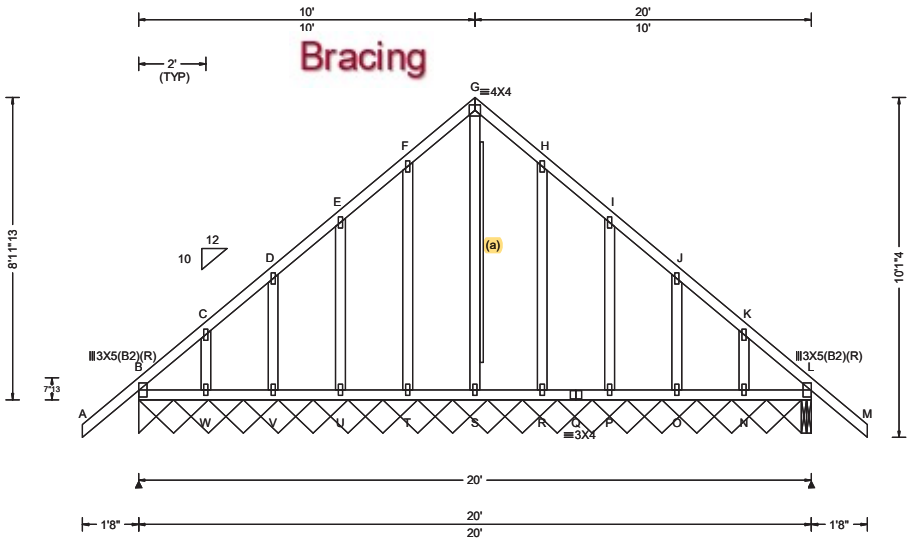
SEQN: 89767 / T13 / GABL FROM:	Ply: 1 Qty: 1 Wgt: 141.4 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** R19	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	G	999	240
VERT(CL): 0.002	G	999	180
HORZ(LL): 0.003	J	-	-
HORZ(TL): 0.004	J	-	-

Creep Factor: 2.0
Max TC CSI: 0.221
Max BC CSI: 0.046
Max Web CSI: 0.132
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B*	87	/-	/-	/49	/4	/11
L	236	/-	/-	/136	/21	/-

Wind reactions based on MWFRS
B Brg Width = 236 Min Req = -
L Brg Width = 3.5 Min Req = 1.5
Bearings B & L are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	76	0	G - H	143	-47
B - C	144	-172	H - I	89	-15
C - D	140	-125	I - J	64	-29
D - E	127	-102	J - K	67	-52
E - F	124	-83	K - L	69	-97
F - G	143	-67	L - M	76	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - W	99	-106	R - Q	104	-106
W - V	102	-106	Q - P	104	-106
V - U	103	-107	P - O	103	-105
U - T	104	-108	O - N	102	-102
T - S	105	-108	N - L	99	-99
S - R	105	-108			

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
C - W	55	-82	R - H	59	-151
D - V	53	-139	P - I	55	-124
E - U	55	-124	O - J	53	-139
F - T	59	-151	N - K	55	-82
G - S	26	-154			

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Bracing

(a) 1x4 #3SRB SPF-S or better "L" reinforcement. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" oc.

Plating Notes

All plates are 1.5X4 except as noted.

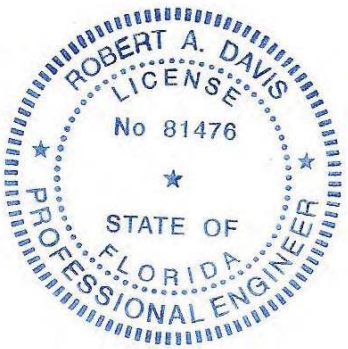
Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS A14015ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.



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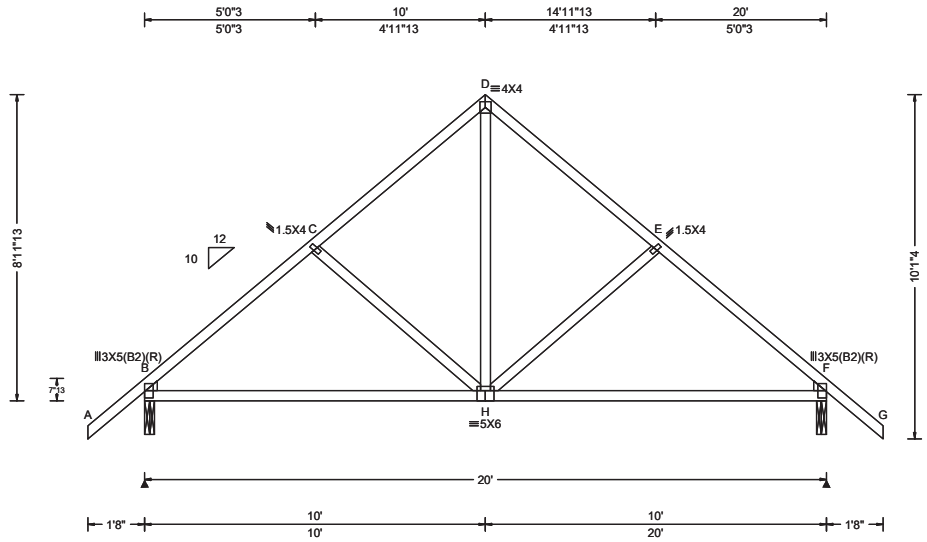
SEQN: 89770 / T12 / COMN FROM:	Ply: 1 Qty: 1 Wgt: 109.2 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** R20	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.026	H	999	240
VERT(CL): 0.055	H	999	192
HORZ(LL): 0.014	F	-	-
HORZ(TL): 0.028	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.340
Max BC CSI: 0.904
Max Web CSI: 0.193
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

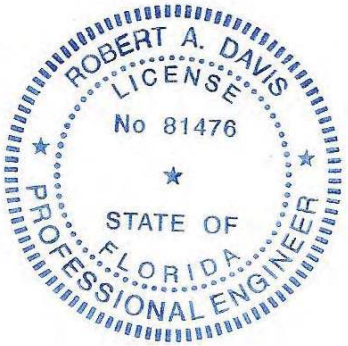
Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;
Lt Wedge: 2x4 SP #2;Rt Wedge: 2x4 SP #2;

Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.



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▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	979	/-	/-	/583	/21	/226
F	979	/-	/-	/583	/21	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
F Brg Width = 3.5 Min Req = 1.5
Bearings B & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	76	0	D - E	88	-784
B - C	63	-1031	E - F	63	-1031
C - D	88	-784	F - G	76	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - H	707	-50	H - F	707	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - H	109	-247	H - E	109	-247
D - H	586	-32			

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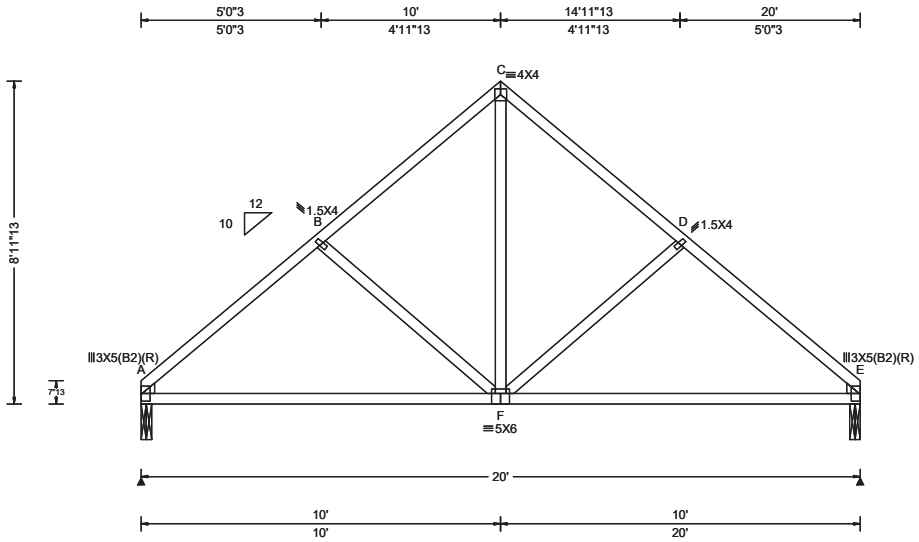
SEQN: 89772 / T14 / COMN FROM:	Ply: 1 Qty: 1 Wgt: 103.6 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** R21	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.023	F	999	240
VERT(CL): 0.048	F	999	192
HORZ(LL): 0.010	E	-	-
HORZ(TL): 0.023	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.274
Max BC CSI: 0.917
Max Web CSI: 0.207
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	860	/-	/-	/492	/7	/169
E	860	/-	/-	/492	/7	/-

Wind reactions based on MWFRS
A Brg Width = 3.5 Min Req = 1.5
E Brg Width = 3.5 Min Req = 1.5
Bearings A & E are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	66	- 1053	C - D	91	- 803
B - C	91	- 803	D - E	66	- 1053

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - F	732	- 10	F - E	732	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - F	112	- 265	F - D	112	- 265
C - F	600	- 36			

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;
Lt Wedge: 2x4 SP #2;Rt Wedge: 2x4 SP #2;

Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

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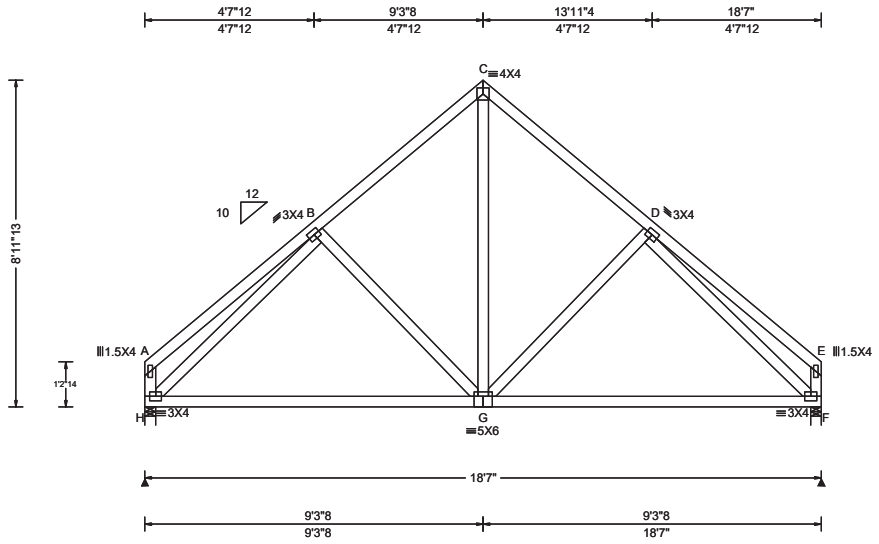
SEQN: 89774 / T15 / COMN FROM:	Ply: 1 Qty: 5 Wgt: 123.2 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** R22	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.11 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.016	G	999	240
VERT(CL): 0.034	G	999	180
HORZ(LL): 0.011	E	-	-
HORZ(TL): 0.023	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.268
Max BC CSI: 0.861
Max Web CSI: 0.562
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	799	/-	/-	/450	/8	/188
F	799	/-	/-	/450	/8	/-

Wind reactions based on MWFRS
H Brg Width = 3.5 Min Req = 1.5
F Brg Width = 3.5 Min Req = 1.5
Bearings H & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	72	- 165	C - D	95	- 708
B - C	95	- 708	D - E	72	- 165

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
H - G	592	- 44	G - F	592	- 2

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - H	50	- 179	G - D	113	- 181
H - B	0	- 757	D - F	0	- 757
B - G	113	- 181	E - F	50	- 179
C - G	512	- 49			

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Wind

Wind loads based on MWFRS with additional C&C member design.

End verticals exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.

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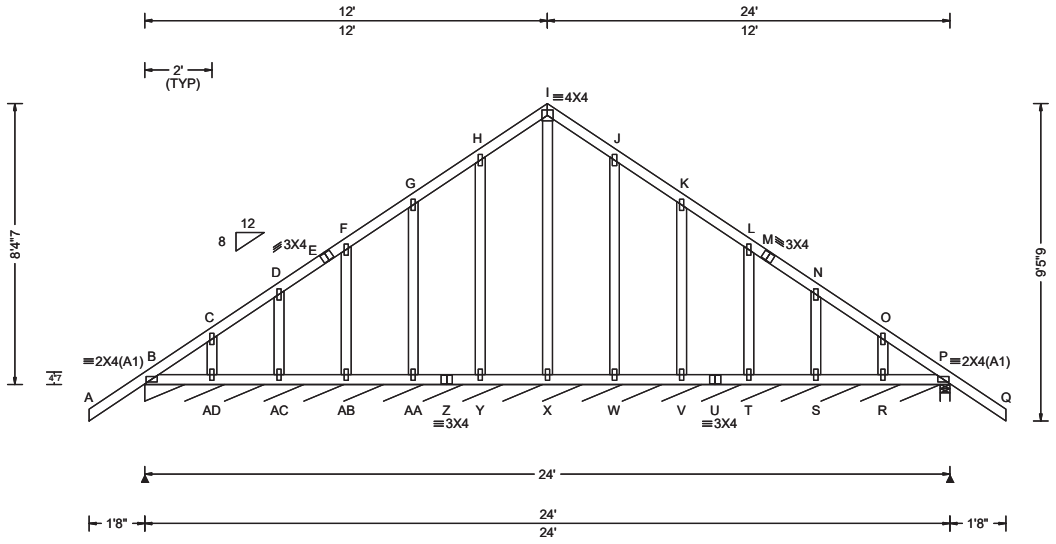
SEQN: 89778 / T11 / GABL FROM:	Ply: 1 Qty: 1 Wgt: 158.2 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** R23	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	I	999	240
VERT(CL): 0.002	H	999	209
HORZ(LL): 0.002	L	-	-
HORZ(TL): 0.003	L	-	-

Creep Factor: 2.0
Max TC CSI: 0.209
Max BC CSI: 0.047
Max Web CSI: 0.134
Mfg Specified Camber:

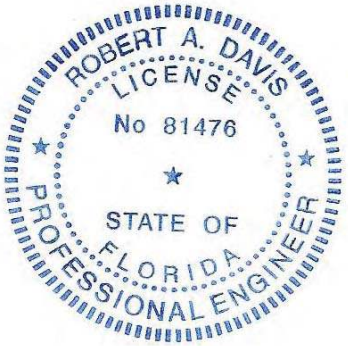
VIEW Ver: 22.02.01.1115.13

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Plating Notes
All plates are 1.5X4 except as noted.

Wind
Wind loads based on MWFRS with additional C&C member design.
Wind loading based on both gable and hip roof types.

Additional Notes
See DWGS A14015ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.



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Date: 2023.06.06 09:44:02-05'00'

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▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B*	84	/-	/-	/46	/4	/8
P	266	/-	/-	/160	/18	/-

Wind reactions based on MWFRS
B Brg Width = 284 Min Req = -
P Brg Width = 3.5 Min Req = 1.5
Bearings B & P are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	64	0	I - J	128	-47
B - C	107	-152	J - K	88	-27
C - D	115	-125	K - L	50	-31
D - E	94	-100	L - M	36	-15
E - F	100	-83	M - N	26	-35
F - G	100	-86	N - O	47	-57
G - H	100	-72	O - P	39	-84
H - I	128	-60	P - Q	64	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AD	90	-77	X - W	96	-77
AD-AC	92	-77	W - V	95	-76
AC-AB	94	-77	V - U	95	-75
AB-AA	95	-77	U - T	95	-75
AA- Z	95	-77	T - S	94	-74
Z - Y	95	-77	S - R	92	-72
Y - X	96	-77	R - P	90	-71

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
C -AD	36	-68	W - J	49	-145
D -AC	46	-135	V - K	45	-124
F -AB	44	-125	T - L	44	-125
G -AA	45	-124	S - N	46	-135
H - Y	49	-145	R - O	36	-68
I - X	20	-118			

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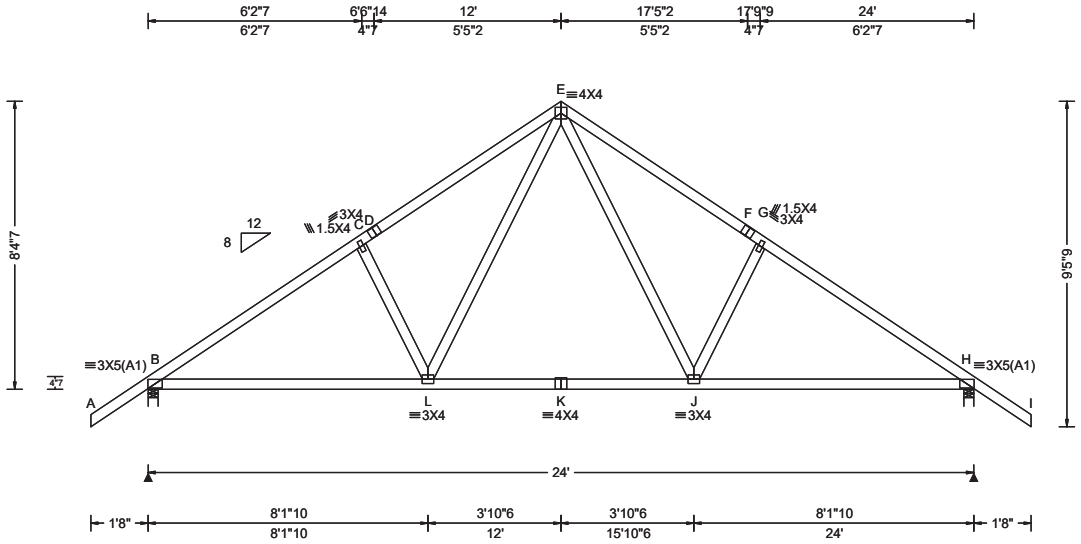
SEQN: 89783 / T10 / COMN FROM:	Ply: 1 Qty: 3 Wgt: 123.2 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** R24	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.050	J	999	240
VERT(CL): 0.097	J	999	227
HORZ(LL): 0.022	H	-	-
HORZ(TL): 0.041	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.368
Max BC CSI: 0.659
Max Web CSI: 0.133
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1201	/-	/-	/654	/34	/190
H	1201	/-	/-	/654	/34	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
H Brg Width = 3.5 Min Req = 1.5
Bearings B & H are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	64	0	E - F	123	- 1382
B - C	68	- 1562	F - G	87	- 1398
C - D	87	- 1398	G - H	68	- 1562
D - E	123	- 1382	H - I	64	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - L	1213	0	K - J	822	0
L - K	822	0	J - H	1213	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - L	114	- 312	E - J	587	- 26
L - E	587	- 26	J - G	114	- 312

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Loading

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

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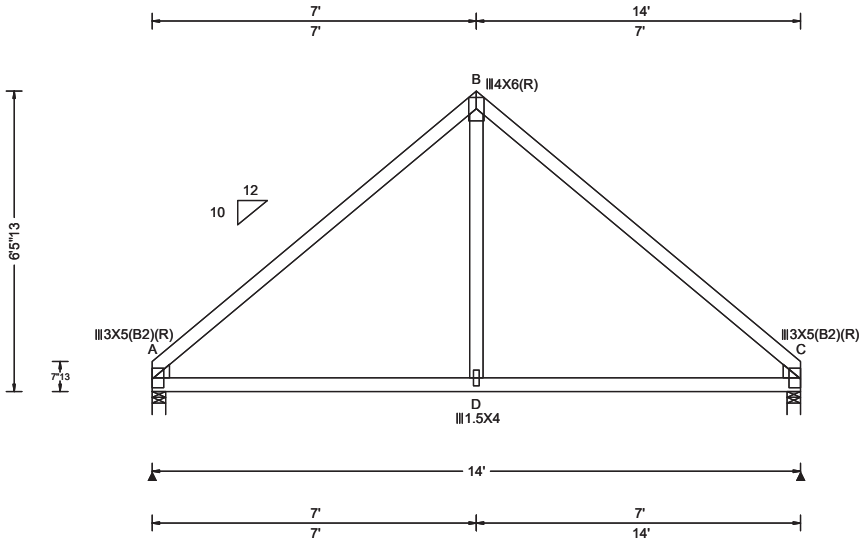
SEQN: 89853 / T7 / COMN FROM:	Ply: 1 Qty: 2 Wgt: 58.8 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** R25	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.006	D	999	240
VERT(CL): 0.009	D	999	180
HORZ(LL): 0.006	A	-	-
HORZ(TL): 0.011	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.601
Max BC CSI: 0.515
Max Web CSI: 0.082
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	707	/-	/-	/343	/4	/118
C	707	/-	/-	/343	/4	/-

Wind reactions based on MWFRS
A Brg Width = 3.5 Min Req = 1.5
C Brg Width = 3.5 Min Req = 1.5
Bearings A & C are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	52	-811	B - C	52	-811

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - D	520	0	D - C	520	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - D	361	0

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;
Lt Wedge: 2x4 SP #2;Rt Wedge: 2x4 SP #2;

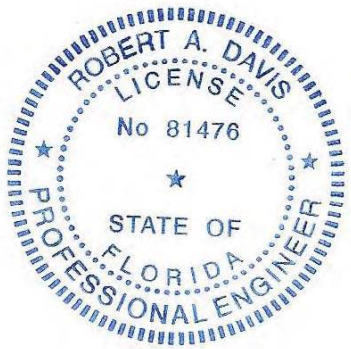
Loading

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.



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Date: 2023.06.06 09:44:12-05'00'

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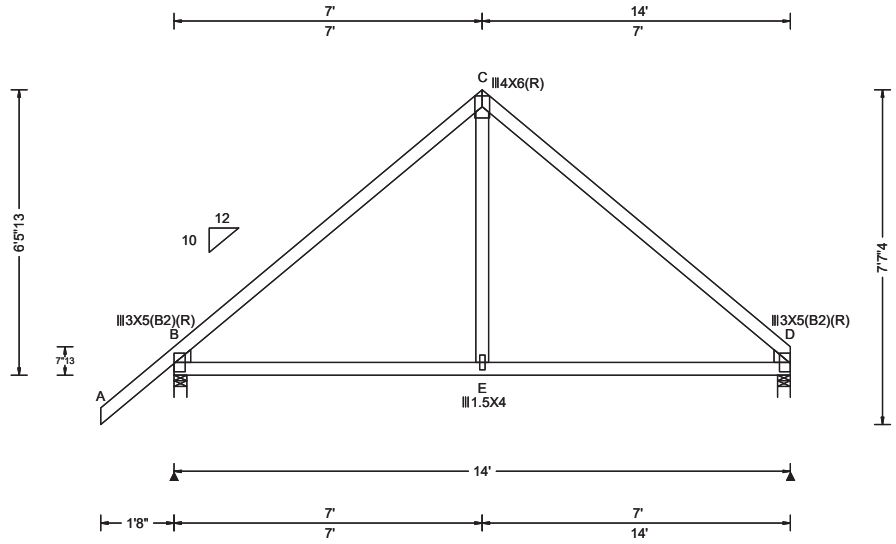
SEQN: 89851 / T1 / COMN FROM:	Ply: 1 Qty: 4 Wgt: 61.6 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** R26	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.007 E	999	240
VERT(CL):	0.013 E	999	180
HORZ(LL):	-0.006 D	-	-
HORZ(TL):	0.011 D	-	-

Creep Factor: 2.0
Max TC CSI: 0.585
Max BC CSI: 0.496
Max Web CSI: 0.080
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	833	/-	/-	/438	/19	/155
D	700	/-	/-	/342	/3	/-

Wind reactions based on MWFRS
B Brg Width = 3.5 Min Req = 1.5
D Brg Width = 3.5 Min Req = 1.5
Bearings B & D are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	76	0	C - D	50	-797
B - C	51	-802			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - E	508	0	E - D	508	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
C - E	354	0

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;
Lt Wedge: 2x4 SP #2;Rt Wedge: 2x4 SP #2;

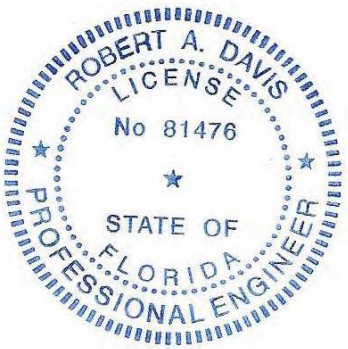
Loading

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.



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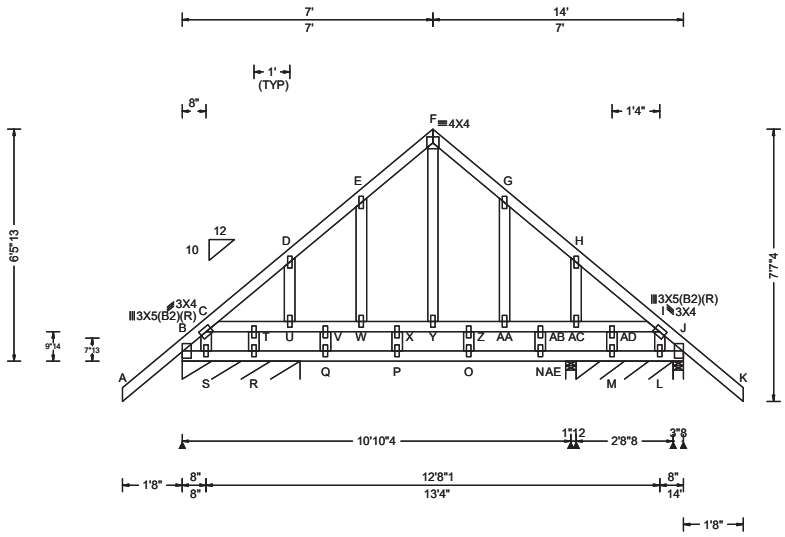
SEQN: 89906 / T6 / GABL	Ply: 1	**Job Number:** 23114-Bray	
FROM:	Qty: 1	Isaac Hart Residence	DRW:
Page 1 of 2	Wgt: 107.8 lbs	**Truss Label:** R27	... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.010	G	999	240
VERT(CL): 0.021	G	999	180
HORZ(LL): -0.005	G	-	-
HORZ(TL): 0.011	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.221
Max BC CSI: 0.167
Max Web CSI: 0.038
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

		Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh		/ Rw	/ U	/ RL
B*	220	/-	/-		/141	/6	/53
AE	222	/-	/0		/178	/31	/-
AE*	82	/-	/-		/65	/-	/-
J	276	/-	/-		/186	/42	/-

Wind reactions based on MWFRS
B Brg Width = 39.5 Min Req = -
AE Brg Width = 3.5 Min Req = 1.5
AE Brg Width = 32.5 Min Req = -
J Brg Width = 3.5 Min Req = 1.5
Bearings B, AE, AE, & L are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	76	0	F - G	45	-307
B - C	85	-174	G - H	0	-335
C - D	0	-342	H - I	0	-342
D - E	0	-335	I - J	23	-101
E - F	46	-308	J - K	76	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - S	73	-56	O - N	58	-55
S - R	58	-55	N - M	116	-109
R - Q	116	-109	M - L	58	-55
Q - P	58	-55	L - J	66	-55
P - O	58	-55			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - S	30	-137	Y - Z	205	0
C - T	216	0	Z - O	97	0
T - R	36	-116	Z -AA	205	0
T - U	215	0	AA-AB	208	0
U - V	208	0	AB- N	52	-133
V - Q	54	-143	AB-AC	208	0
V - W	208	0	AC-AD	215	0
W - X	205	0	AD- M	38	-127
X - P	96	0	AD- I	216	0
X - Y	205	0	L - I	25	-137

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Plating Notes

All plates are 1.5X4 except as noted.

Loading

Gable end supports 8" max rake overhang. Top chord must not be cut or notched.

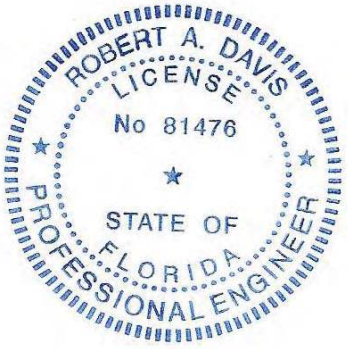
Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS A14015ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.



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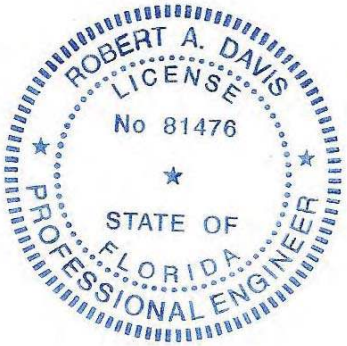
SEQN: 89906 / T6 / GABL	Ply: 1	**Job Number:** 23114-Bray	
FROM:	Qty: 1	Isaac Hart Residence	DRW:
Page 2 of 2	Wgt: 107.8 lbs	**Truss Label:** R27	... / ... 06/06/2023

D - U	58	- 152	AA- G	46	- 91
E - W	47	- 93	AC- H	58	- 153
F - Y	173	- 17			



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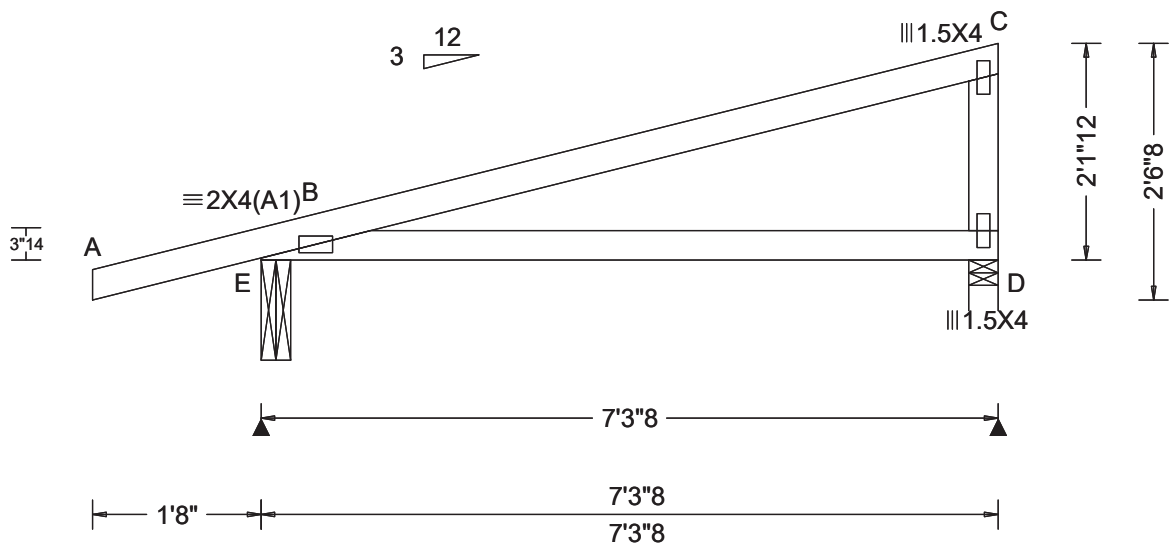
SEQN: 89790 / T9 / MONO FROM:	Ply: 1 Qty: 11 Wgt: 28.0 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** R28	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	0.015 B	-	-
HORZ(TL):	0.028 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.635
Max BC CSI: 0.473
Max Web CSI: 0.142
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E	423	/-	/-	/216	/42	/59
D	273	/-	/-	/146	/-	/-

Wind reactions based on MWFRS
E Brg Width = 3.5 Min Req = 1.5
D Brg Width = 3.5 Min Req = 1.5
Bearings E & D are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	26	0	B - C	24	-101

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - D	55	-28

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
C - D	35	-182

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Wind
Wind loads based on MWFRS with additional C&C member design.
Right end vertical exposed to wind pressure.
Deflection meets L/180.
Wind loading based on both gable and hip roof types.

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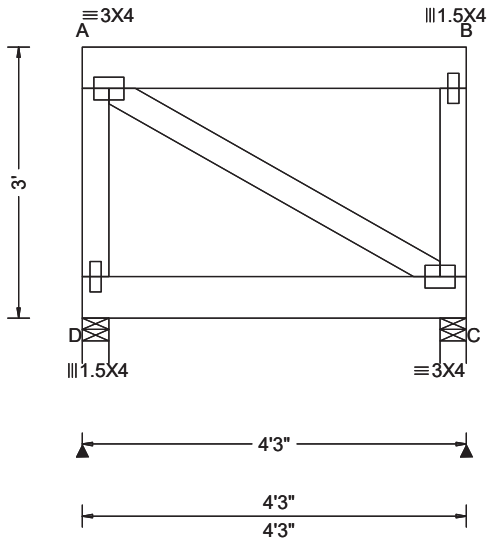
SEQN: 89970 / T22 / FLAT FROM:	Ply: 2 Qty: 1 Wgt: 72.8 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** RGT01	DRW: ... / ... 06/06/2023



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 10.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.000	B	999	240
VERT(CL): 0.000	B	999	180
HORZ(LL): 0.000	B	-	-
HORZ(TL): 0.000	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.071
Max BC CSI: 0.827
Max Web CSI: 0.068
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
D	1617	/-	/-	/22	/-	/-
C	1156	/-	/-	/9	/-	/-

Wind reactions based on MWFRS
D Brg Width = 3.5 Min Req = 1.5
C Brg Width = 3.5 Min Req = 1.5
Bearings D & C are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - B	12	-12

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
D - C	13	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - D	15	-63	B - C	15	-64
A - C	0	-1			

Lumber
Top chord: 2x6 SP #2;
Bot chord: 2x6 SP #2;
Webs: 2x4 SP #2;

Nailnote
Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 5.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads
-------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 60 plf at 0.00 to 60 plf at 4.25
BC: From 10 plf at 0.00 to 10 plf at 4.25
BC: 1238 lb Conc. Load at 0.73, 2.73

Purlins
The TC of this truss shall be braced with attached spans at 24" oc in lieu of structural sheathing.

Wind
Wind loads and reactions based on MWFRS.
End verticals exposed to wind pressure. Deflection meets L/180.

Additional Notes
Truss must be installed as shown with top chord up.

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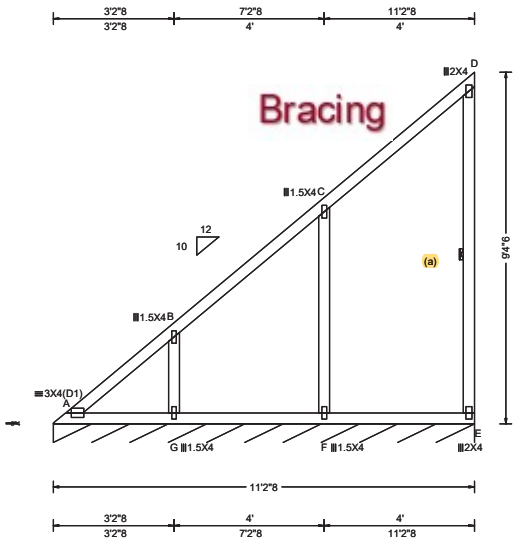
SEQN: 89795 / T40 / VAL FROM:	Ply: 1 Qty: 1 Wgt: 65.8 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** V01	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 16.94 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.002 A	999	240
VERT(CL):	0.005 A	999	180
HORZ(LL):	-0.007 D	-	-
HORZ(TL):	0.009 D	-	-

Creep Factor: 2.0
Max TC CSI: 0.280
Max BC CSI: 0.155
Max Web CSI: 0.792
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E*	86	/-	/-	/57	/-	/25

Wind reactions based on MWFRS
E Brg Width = 134 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	181	- 374	C - D	163	- 225
B - C	153	- 320			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - G	309	- 132	F - E	313	- 139
G - F	312	- 137			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - G	67	- 227	D - E	142	- 109
C - F	99	- 303			

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

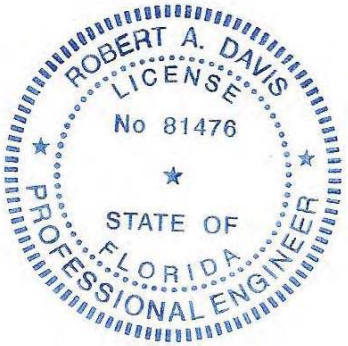
Wind loads based on MWFRS with additional C&C member design.

Right end vertical exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.



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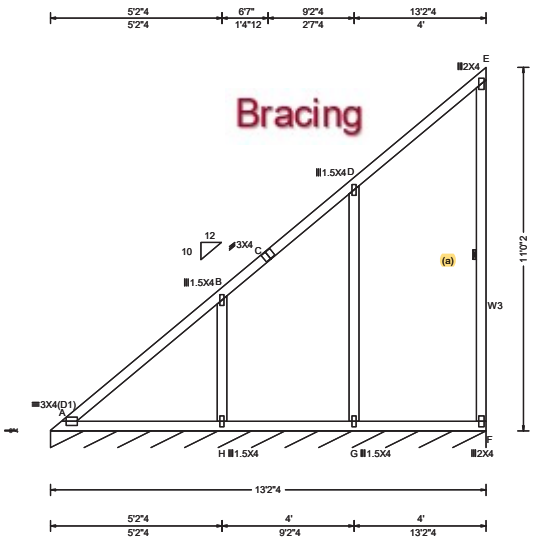
SEQN: 89793 / T49 / VAL FROM:	Ply: 1 Qty: 1 Wgt: 78.4 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** V02	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 16.11 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.011	A	999	240
VERT(CL): 0.024	A	999	180
HORZ(LL): -0.009	E	-	-
HORZ(TL): 0.012	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.259
Max BC CSI: 0.222
Max Web CSI: 0.502
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
F*	86	/-	/-	/57	/-	/25

Wind reactions based on MWFRS
F Brg Width = 158 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	218	- 428	C - D	157	- 330
B - C	121	- 342	D - E	189	- 249

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - H	361	- 158	G - F	364	- 164
H - G	363	- 162			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - H	89	- 306	E - F	157	- 121
D - G	95	- 283			

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2; W3 2x4 SP SS Dense;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

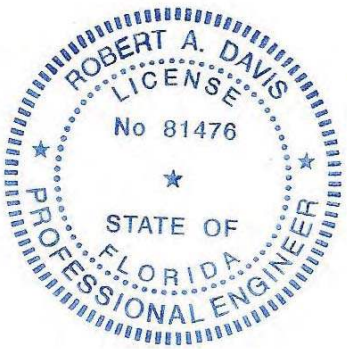
Wind loads based on MWFRS with additional C&C member design.

Right end vertical exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.



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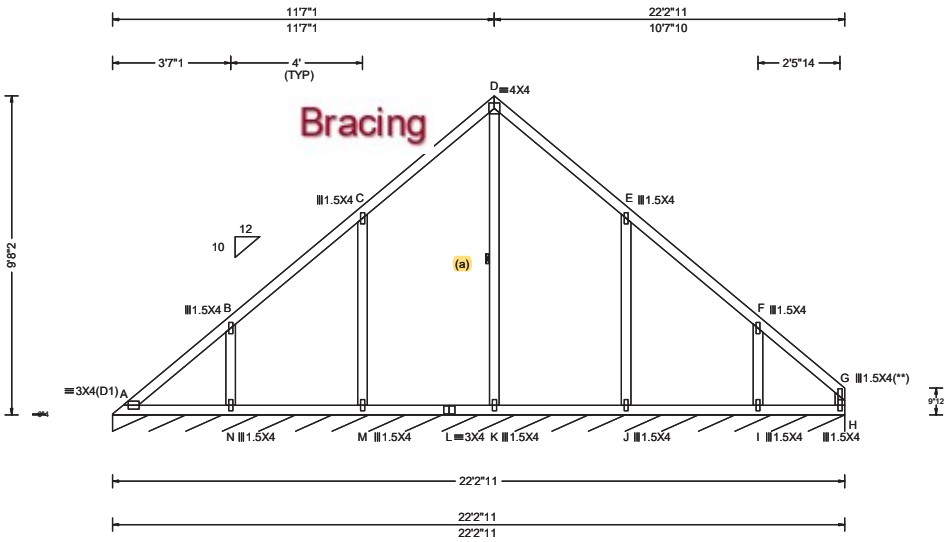
SEQN: 89800 / T39 / VAL FROM:	Ply: 1 Qty: 1 Wgt: 119.0 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** V03	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 16.78 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.003	A	999	240
VERT(CL): 0.007	A	999	211
HORZ(LL): 0.005	E	-	-
HORZ(TL): 0.010	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.226
Max BC CSI: 0.140
Max Web CSI: 0.198
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H*	86	/-	/-	/48	/-	/9

Wind reactions based on MWFRS
H Brg Width = 266 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	205	- 210	D - E	178	- 118
B - C	201	- 190	E - F	85	- 86
C - D	180	- 154	F - G	49	- 62

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - N	173	- 151	K - J	55	- 47
N - M	174	- 155	J - I	55	- 44
M - L	174	- 158	I - H	54	- 40
L - K	55	- 47			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - N	71	- 239	J - E	95	- 305
C - M	96	- 301	I - F	75	- 220
D - K	72	- 232	G - H	1	- 73

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Bracing
(a) Continuous lateral restraint equally spaced on member.

Plating Notes
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

Wind
Wind loads based on MWFRS with additional C&C member design.
Right end vertical exposed to wind pressure. Deflection meets L/180.
Wind loading based on both gable and hip roof types.

Additional Notes
See DWGS VALTN160118 and VAL180160118 for valley details.

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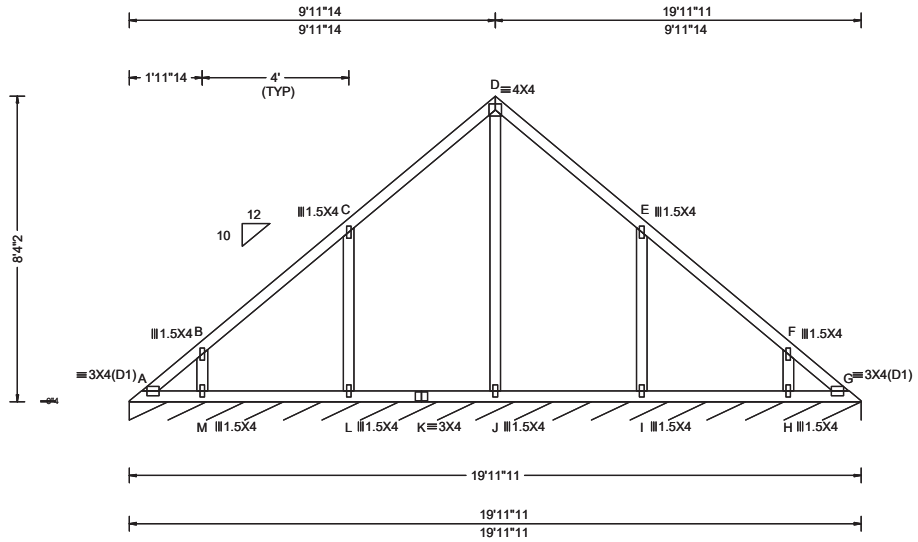
SEQN: 89803 / T33 / VAL FROM:	Ply: 1 Qty: 1 Wgt: 98.0 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** V04	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 17.45 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.001 E	999	240
VERT(CL):	0.002 E	999	188
HORZ(LL):	0.002 E	-	-
HORZ(TL):	0.003 E	-	-

Creep Factor: 2.0
Max TC CSI: 0.227
Max BC CSI: 0.118
Max Web CSI: 0.188
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

Loc	Gravity R+	Gravity / R-	Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
G*	86	/-	/-	/47	/1	/8

Wind reactions based on MWFRS
G Brg Width = 239 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	108	- 150	D - E	114	- 140
B - C	96	- 125	E - F	86	- 118
C - D	114	- 140	F - G	98	- 140

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - M	122	- 77	J - I	115	- 80
M - L	122	- 84	I - H	115	- 77
L - K	123	- 87	H - G	114	- 70
K - J	115	- 80			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - M	79	- 198	I - E	130	- 306
C - L	130	- 306	H - F	78	- 198
D - J	0	- 168			

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.

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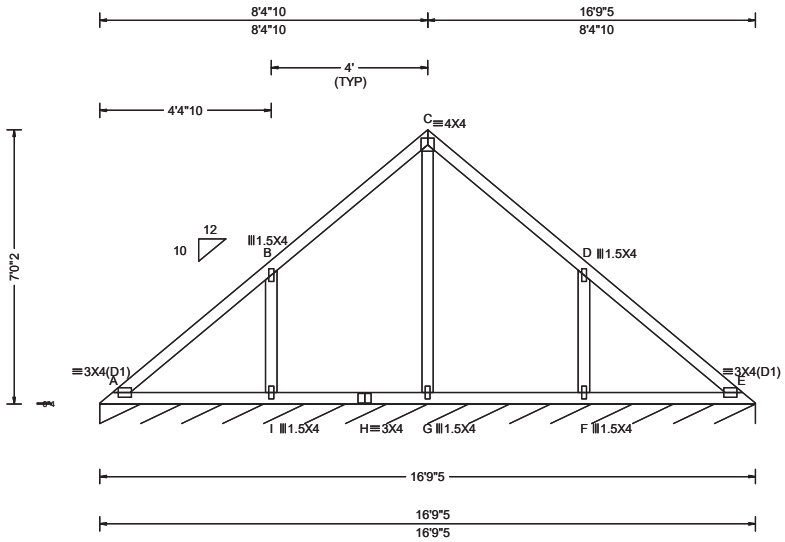
SEQN: 89806 / T34 / VAL FROM:	Ply: 1 Qty: 1 Wgt: 78.4 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** V05	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 18.11 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.006	A	999	240
VERT(CL): 0.012	A	999	180
HORZ(LL): -0.002	E	-	-
HORZ(TL): 0.005	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.300
Max BC CSI: 0.173
Max Web CSI: 0.205
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E*	86	/-	/-	/47	/1	/8

Wind reactions based on MWFRS
E Brg Width = 201 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	144	- 89	C - D	112	- 61
B - C	112	- 62	D - E	137	- 82

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - I	86	- 96	G - F	83	- 96
I - H	89	- 102	F - E	81	- 90
H - G	83	- 96			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - I	127	- 316	F - D	127	- 315
C - G	0	- 266			

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.

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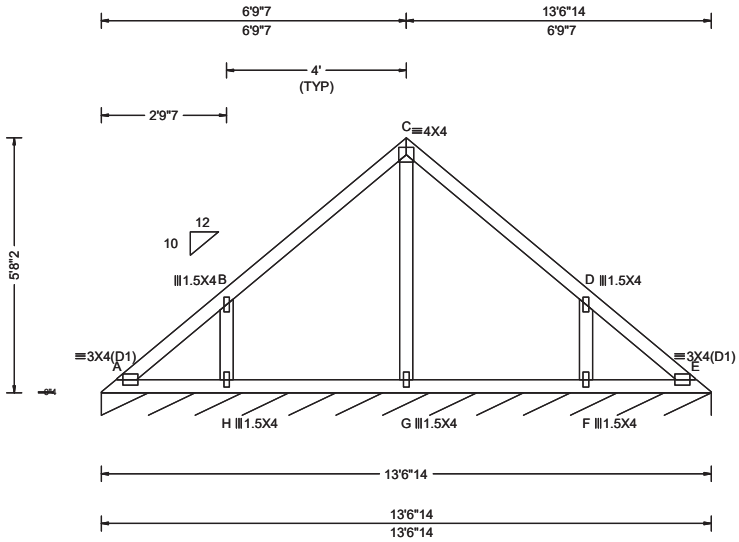
SEQN: 89808 / T35 / VAL FROM:	Ply: 1 Qty: 1 Wgt: 61.6 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** V06	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 18.78 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	C	999	240
VERT(CL): 0.002	E	999	180
HORZ(LL): -0.001	B	-	-
HORZ(TL): 0.001	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.258
Max BC CSI: 0.112
Max Web CSI: 0.091
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E*	86	/-	/-	/46	/0	/8

Wind reactions based on MWFRS
E Brg Width = 162 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	65	- 72	C - D	79	- 129
B - C	75	- 129	D - E	102	- 109

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - H	62	- 36	G - F	63	- 42
H - G	63	- 42	F - E	69	- 43

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - H	112	- 275	F - D	112	- 275
C - G	0	- 186			

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.

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Date: 2023.06.06 09:45:03-05'00'

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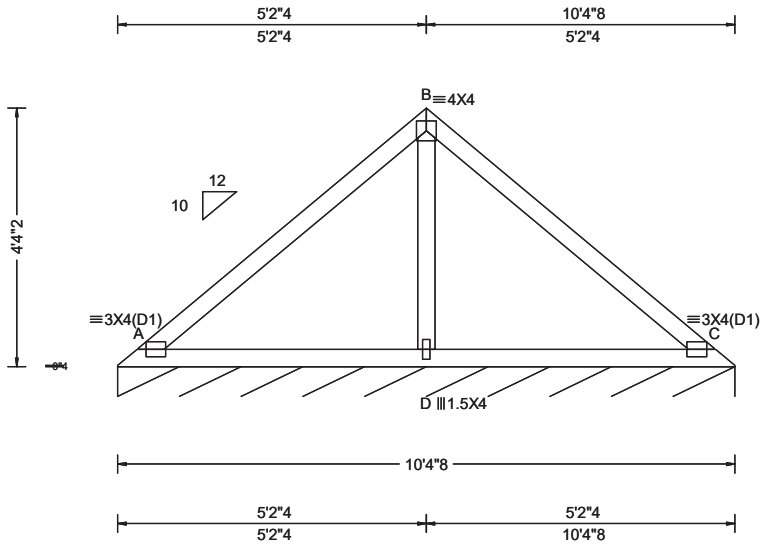
SEQN: 89810 / T36 / VAL	Ply: 1	**Job Number:** 23114-Bray	
FROM:	Qty: 1	Isaac Hart Residence	DRW:
	Wgt: 42.0 lbs	**Truss Label:** V07	... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 19.45 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.012	A	999	240
VERT(CL): 0.026	A	999	180
HORZ(LL): -0.007	C	-	-
HORZ(TL): 0.015	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.396
Max BC CSI: 0.330
Max Web CSI: 0.165
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
C*	86	/-	/-	/46	/0	/8

Wind reactions based on MWFRS
C Brg Width = 124 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	333	-58	B - C	333	-58

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - D	85	-188	D - C	85	-188

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - D	92	-588

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Wind
Wind loads based on MWFRS with additional C&C member design.
Wind loading based on both gable and hip roof types.

Additional Notes
See DWGS VALTN160118 and VAL180160118 for valley details.

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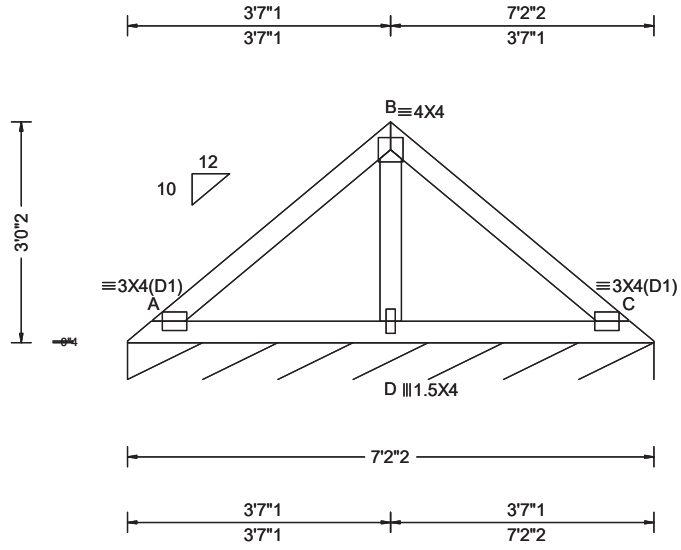
SEQN: 89812 / T37 / VAL FROM:	Ply: 1 Qty: 1 Wgt: 29.4 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** V08	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 20.11 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.004 A	999	240
VERT(CL):	0.008 A	999	180
HORZ(LL):	-0.002 C	-	-
HORZ(TL):	0.005 C	-	-

Creep Factor: 2.0
Max TC CSI: 0.168
Max BC CSI: 0.143
Max Web CSI: 0.049
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
C*	85	/-	/-	/45	/4	/8

Wind reactions based on MWFRS
C Brg Width = 86.1 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	172	-31	B - C	172	-31

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - D	58	-86	D - C	58	-86

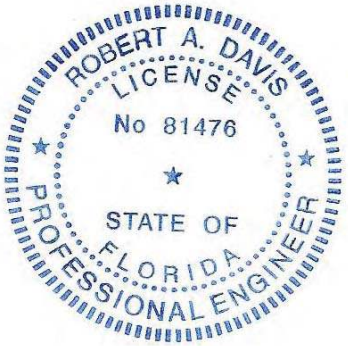
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - D	65	-329

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Wind
Wind loads based on MWFRS with additional C&C member design.
Wind loading based on both gable and hip roof types.

Additional Notes
See DWGS VALTN160118 and VAL180160118 for valley details.



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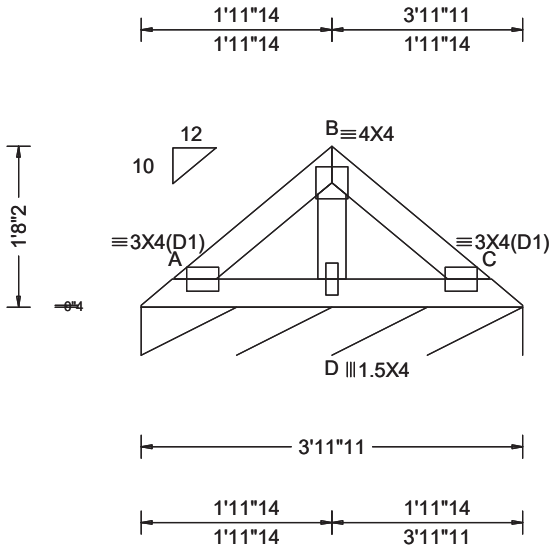
SEQN: 89814 / T38 / VAL FROM:	Ply: 1 Qty: 1 Wgt: 16.8 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** V09	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 20.78 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.001 C	999	240
VERT(CL):	0.001 C	999	180
HORZ(LL):	-0.000 C	-	-
HORZ(TL):	0.001 C	-	-

Creep Factor: 2.0
Max TC CSI: 0.040
Max BC CSI: 0.029
Max Web CSI: 0.015
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	85	/-	/-	/43	/2	/7

Wind reactions based on MWFRS
C Brg Width = 47.7 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	64	-4	B - C	64	-11

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - D	21	-26	D - C	21	-26

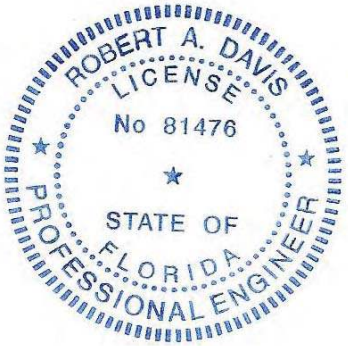
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - D	20	-137

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Wind
Wind loads based on MWFRS with additional C&C member design.
Wind loading based on both gable and hip roof types.

Additional Notes
See DWGS VALTN160118 and VAL180160118 for valley details.



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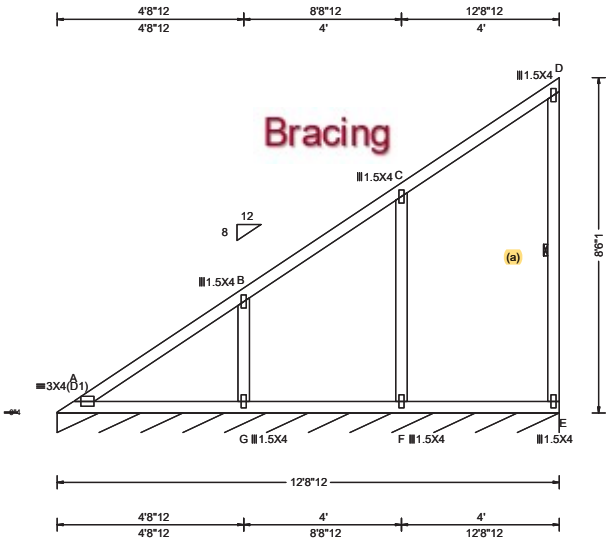
SEQN: 89816 / T44 / VAL FROM:	Ply: 1 Qty: 2 Wgt: 65.8 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** V10	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.16 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
HEART:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.010 A	999	240
VERT(CL):	0.021 A	999	180
HORZ(LL):	-0.006 D	-	-
HORZ(TL):	0.008 D	-	-

Creep Factor: 2.0
Max TC CSI: 0.248
Max BC CSI: 0.185
Max Web CSI: 0.741
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

Loc	Gravity R+	Gravity / R-	Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
E*	84	/-	/-	/53	/2	/20

Wind reactions based on MWFRS
E Brg Width = 152 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	142	- 306	C - D	166	- 181
B - C	106	- 251			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - G	279	- 106	F - E	282	- 112
G - F	281	- 110			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - G	88	- 278	D - E	104	- 105
C - F	103	- 281			

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

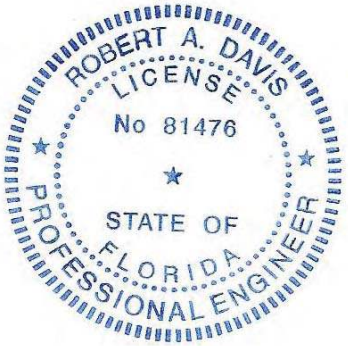
Wind loads based on MWFRS with additional C&C member design.

Right end vertical exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.



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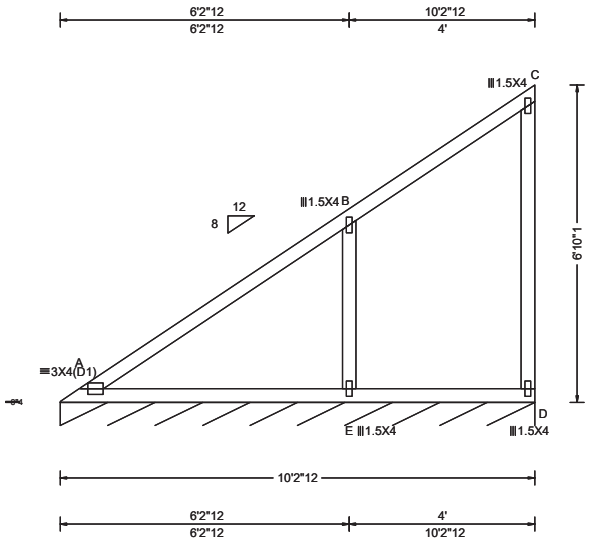
SEQN: 89818 / T45 / VAL FROM:	Ply: 1 Qty: 2 Wgt: 49.0 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** V11	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.99 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.023 A	999	240
VERT(CL):	0.047 A	999	180
HORZ(LL):	0.008 A	-	-
HORZ(TL):	0.016 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.478
Max BC CSI: 0.333
Max Web CSI: 0.499
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
D*	84	/-	/-	/53	/2	/20

Wind reactions based on MWFRS
D Brg Width = 122 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	125	-239	B - C	140	-157

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - E	228	-86	E - D	230	-90

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - E	131	-380	C - D	90	-83

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Wind

Wind loads based on MWFRS with additional C&C member design.

Right end vertical exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.

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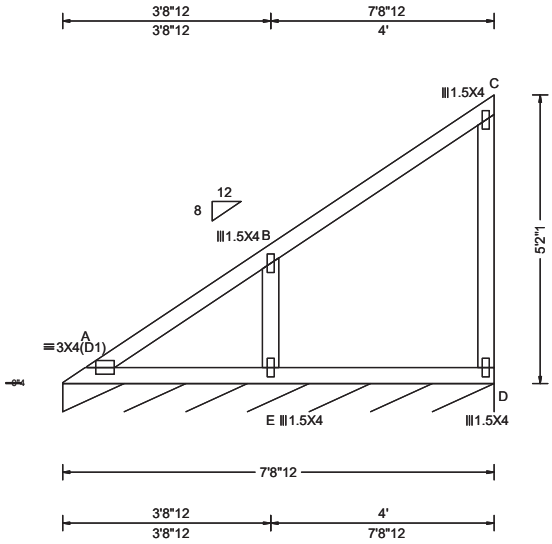
SEQN: 89820 / T46 / VAL FROM:	Ply: 1 Qty: 2 Wgt: 35.0 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** V12	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 16.83 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.003 A	999	240
VERT(CL):	0.007 A	999	180
HORZ(LL):	-0.002 C	-	-
HORZ(TL):	0.003 C	-	-

Creep Factor: 2.0
Max TC CSI: 0.268
Max BC CSI: 0.170
Max Web CSI: 0.217
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
D*	84	/-	/-	/53	/3	/20

Wind reactions based on MWFRS
D Brg Width = 92.8 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	91	- 186	B - C	82	- 133

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - E	172	- 63	E - D	175	- 67

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - E	106	- 286	C - D	79	- 104

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Wind
Wind loads based on MWFRS with additional C&C member design.

Right end vertical exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.

Additional Notes
See DWGS VALTN160118 and VAL180160118 for valley details.

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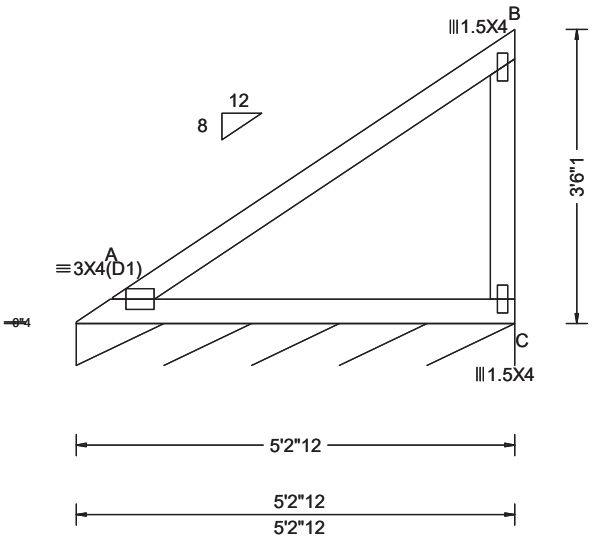
SEQN: 89822 / T47 / VAL FROM:	Ply: 1 Qty: 2 Wgt: 21.0 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** V13	DRW: ... / ... 06/06/2023



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 17.66 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): NA
VERT(CL): NA
HORZ(LL): 0.007 A - -
HORZ(TL): 0.014 A - -
Creep Factor: 2.0
Max TC CSI: 0.351
Max BC CSI: 0.297
Max Web CSI: 0.086
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	84	/-	/-	/52	/3	/20

Wind reactions based on MWFRS
C Brg Width = 62.7 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - B	66	- 105

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - C	116	- 39

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - C	63	- 140

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Wind
Wind loads based on MWFRS with additional C&C member design.

Right end vertical exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.

Additional Notes
See DWGS VALTN160118 and VAL180160118 for valley details.

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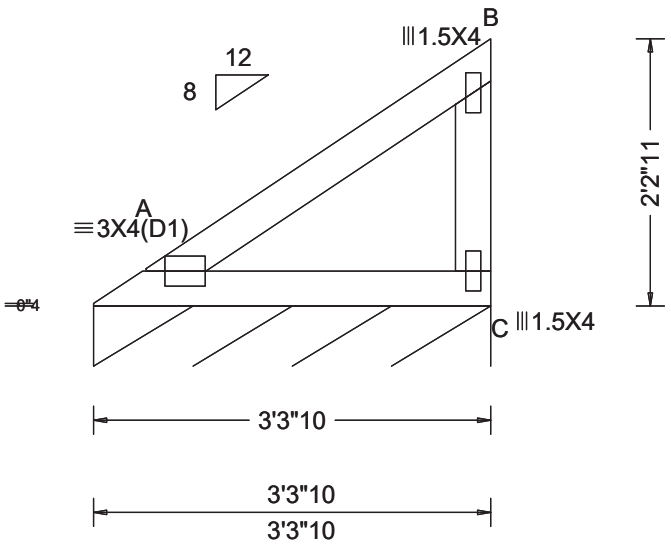
SEQN: 89824 / T48 / VAL FROM:	Ply: 1 Qty: 2 Wgt: 14.0 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** V14	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 18.30 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	0.002 A	-	-
HORZ(TL):	0.003 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.123
Max BC CSI: 0.102
Max Web CSI: 0.031
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	84	/-	/-	/50	/2	/19

Wind reactions based on MWFRS
C Brg Width = 39.6 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - B	43	-61

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - C	71	-24

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - C	37	-85

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Wind

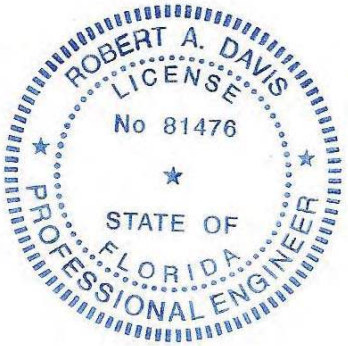
Wind loads based on MWFRS with additional C&C member design.

Right end vertical exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.



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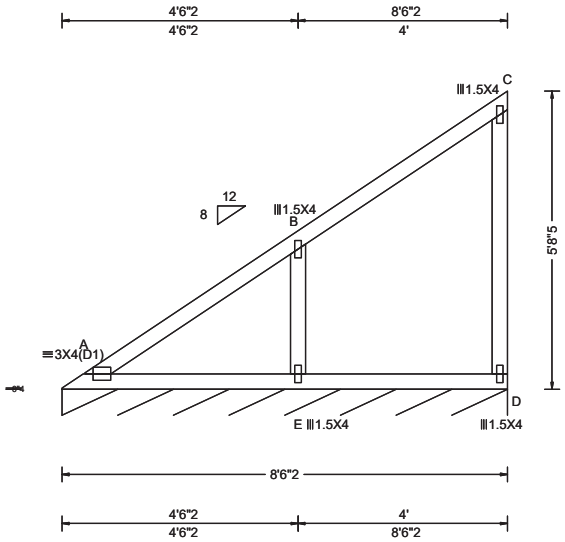
SEQN: 89826 / T32 / VAL FROM:	Ply: 1 Qty: 2 Wgt: 40.6 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** V15	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.007 A	999	240
VERT(CL):	0.015 A	999	180
HORZ(LL):	-0.003 C	-	-
HORZ(TL):	0.005 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.299
Max BC CSI: 0.206
Max Web CSI: 0.263
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
D*	84	/-	/-	/53	/1	/19

Wind reactions based on MWFRS
D Brg Width = 102 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	100	-200	B - C	89	-139

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - E	188	-69	E - D	190	-73

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - E	102	-311	C - D	81	-100

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Wind
Wind loads based on MWFRS with additional C&C member design.

Right end vertical exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.

Additional Notes
See DWGS VALTN160118 and VAL180160118 for valley details.

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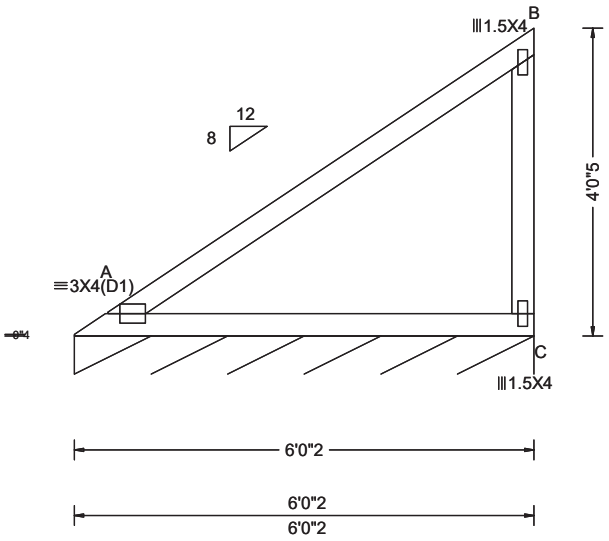
SEQN: 89828 / T42 / VAL FROM:	Ply: 1 Qty: 2 Wgt: 25.2 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** V16	DRW: ... / ... 06/06/2023



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.18 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	0.010 A	-	-
HORZ(TL):	0.022 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.479
Max BC CSI: 0.385
Max Web CSI: 0.113
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	84	/-	/-	/52	/-	/19

Wind reactions based on MWFRS
C Brg Width = 72.1 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - B	75	- 119

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - C	132	- 43

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - C	72	- 162

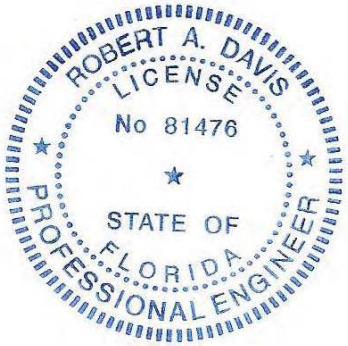
Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Wind
Wind loads based on MWFRS with additional C&C member design.

Right end vertical exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.

Additional Notes
See DWGS VALTN160118 and VAL180160118 for valley details.



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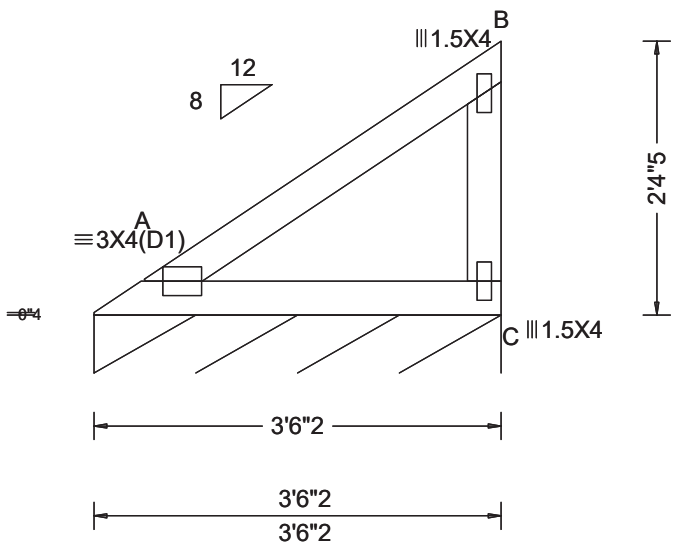
SEQN: 89830 / T43 / VAL FROM:	Ply: 1 Qty: 2 Wgt: 14.0 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** V17	DRW: ... / ... 06/06/2023



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 16.01 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	0.002 A	-	-
HORZ(TL):	0.004 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.140
Max BC CSI: 0.117
Max Web CSI: 0.034
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	84	/-	/-	/50	/-	/18

Wind reactions based on MWFRS
C Brg Width = 42.1 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - B	45	-65

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - C	74	-25

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - C	39	-91

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Wind
Wind loads based on MWFRS with additional C&C member design.

Right end vertical exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.

Additional Notes
See DWGS VALTN160118 and VAL180160118 for valley details.

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Date: 2023.06.06 09:45:55-05'00'

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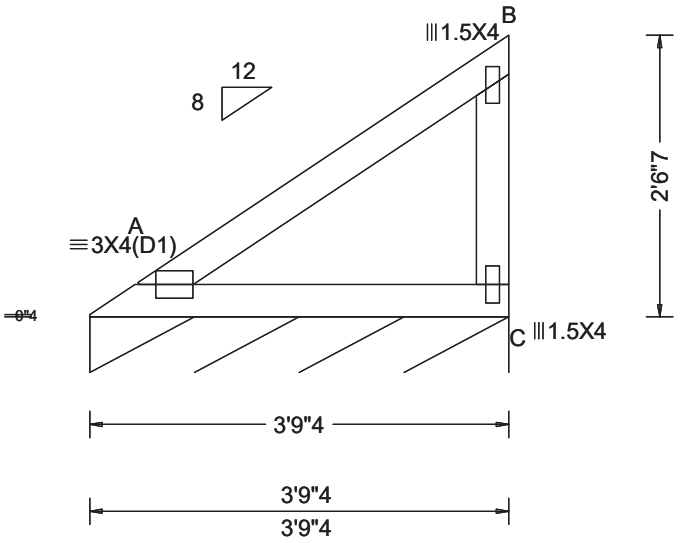
SEQN: 89788 / T23 / VAL FROM:	Ply: 1 Qty: 1 Wgt: 15.4 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** V18	DRW: ... / ... 06/06/2023



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	0.003 A	-	-
HORZ(TL):	0.005 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.166
Max BC CSI: 0.161
Max Web CSI: 0.040
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	84	/-	/-	/50	/-	/18

Wind reactions based on MWFRS
C Brg Width = 45.2 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - B	49	-70

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - C	80	-27

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - C	42	-99

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Wind

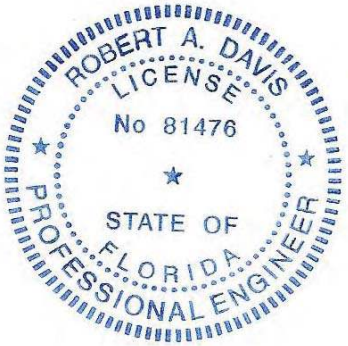
Wind loads based on MWFRS with additional C&C member design.

Right end vertical exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.



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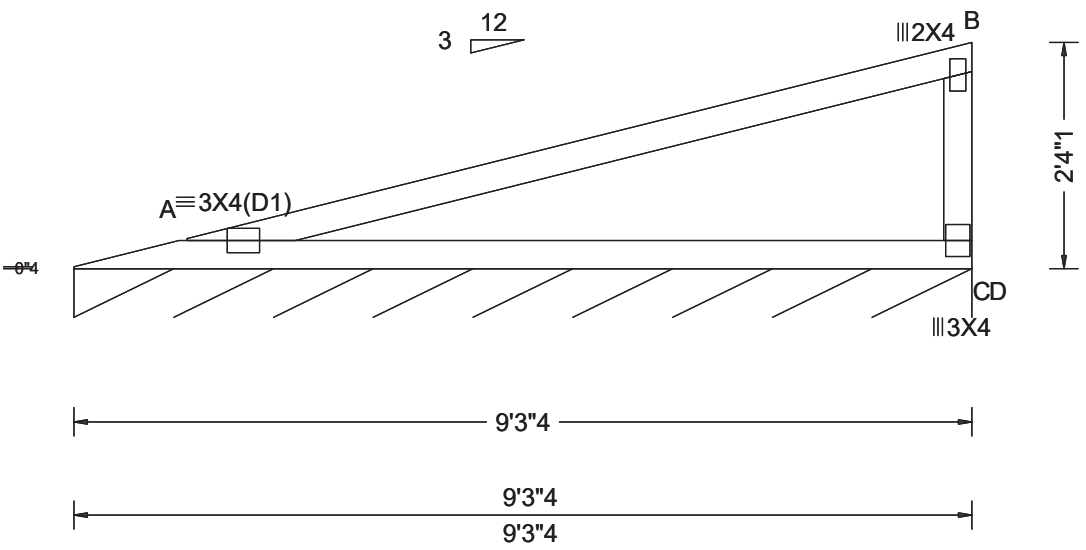
SEQN: 89797 / T41 / VAL FROM:	Ply: 1 Qty: 1 Wgt: 30.8 lbs	**Job Number:** 23114-Bray Isaac Hart Residence **Truss Label:** V19	DRW: ... / ... 06/06/2023



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
FBC 7th Ed. 2020 Res.
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): NA
VERT(CL): NA
HORZ(LL): 0.030 A - -
HORZ(TL): 0.060 A - -
Creep Factor: 2.0
Max TC CSI: 0.537
Max BC CSI: 0.813
Max Web CSI: 0.230
Mfg Specified Camber:

VIEW Ver: 22.02.01.1115.13

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
D*	81	/-	/-	/39	/-	/6

Wind reactions based on MWFRS
D Brg Width = 111 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - B	26	-126

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - C	84	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - C	39	-242

Lumber

Top chord: 2x4 SP SS Dense;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Wind

Wind loads based on MWFRS with additional C&C member design.

Right end vertical exposed to wind pressure. Deflection meets L/180.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN160118 and VAL180160118 for valley details.

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