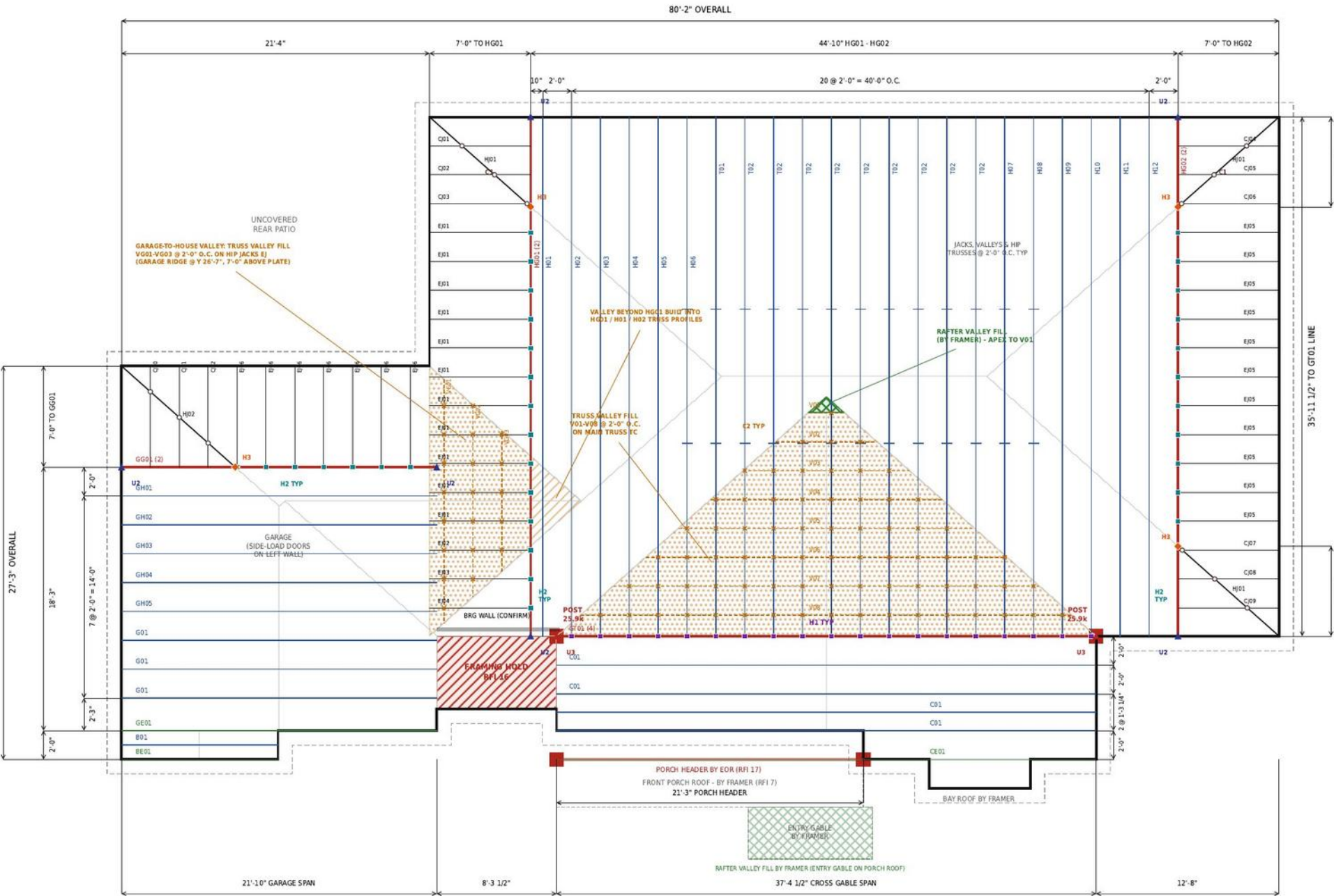


NOT FOR CONSTRUCTION



LEGEND

- Common / hip truss (mark, plies)
- Girder truss (n-ply)
- Gable end truss
- Valley truss (set on main trusses)
- Jack / corner jack / hip jack
- Eave line - 12" overhang
- Hip / valley / ridge (from roof model)
- Post / point load to foundation (by EOR)
- Tick on truss line = piggyback base/cap break (base flat @ 10'-0" above plate)
- Truss valley fill - valley trusses set on main truss top chords
- Rafter valley fill - conventional framing by framer

HANGERS (Simpson Strong-Tie, see hanger schedule)

H1	HUS26	x 19	Main trusses F1 to GT01 (4-ply)
H2	LUS26	x 32	End jacks EJ to HG01/HG02/GG01 (LUS24 if Exp B)
H3	SPECIAL	x 4	Hip-jack corner - THJA26 over at Exp C (RFI 22)

TRUSS-TO-TRUSS & UPLIFT CONNECTIONS (see connection schedule)

C1	SUR24/SUL24	x 12	Corner jack CJ to hip jack HJ (45 deg skew)
C2	VTCT	x 93	Valley truss to main truss TC, each crossing
U2	LGT2	x 6	Hip/garage girder bearings (2-ply)
U3	ENG. TIE	x 2	GT01 to post - by EOR

U1 H2.5A at every truss heel U.N.O. C3 piggyback cap to base per schedule. C4 GT01 ply fastening per schedule.
Customer to follow SBCE BCSI for handling, installation, restraint and bracing.

GENERAL NOTES

- BASIS: architect plan set and roof diagram (sample project). Geometry taken from plotted L&V vectors (A-LUV @ 1/4", A-LVU root diagram @ 1/8") and checked to dimension strings.
- ROOF: hip roof per Roof Diagram - 9:12 front/rear, 8:12 hip ends, 8:12 garage & front cross gables. 12" overhang, raised heel 1'-4" (RFI 3).
- MAIN TRUSSES span 35'-11 1/2" rear wall to front line - NO interior bearing in great room. 19 trusses hang on GT01 (4-ply) at the 35'-11 1/2" line (RFI 5).
- GT01 (4-ply 2x6 SYP MSR 2400f) REACTIONS 25,883 lb each end, uplift 757 lb. Needs min. 8" bearing, posts and footings/basement beam, plus an engineered uplift tie - BY EOR (RFI 5 / 21, CRITICAL).
- FRONT CROSS GABLE: commons C01 span 37'-4 1/2" on walls at X 30'-4" and 67'-0"/67'-6" (become bearing walls). Valley set V01-V08 forms the gable behind the 35'-11 1/2" line.
- GARAGE: trusses span left-right 21'-10" bearing on side-load door wall and house wall; rear hip GG01 (2-ply) + jacks.
- HIP ENDS: 2-ply girders HG01 (7.2k) / HG02 (6.5k), 2x6 MSR 1800f, at 7'-0" setback with end jacks EJ, corner jacks CJ, hip jacks HJ. GG01 2-ply 2x4 DSS (4.4k).
- PIGGYBACK: trusses over 12'-0" total height ship as base + cap (bases flat at 10'-0" above plate).
- VALLEY FILL: (1) cross gable over main roof = TRUSS VALLEY FILL V01-V08 @ 2'-0" o.c. on main truss TC; RAFTER VALLEY FILL by framer from the apex to V01. (2) GARAGE-TO-HOUSE VALLEY (garage ridge into main left hip) = TRUSS VALLEY FILL VG01-VG03 @ 2'-0" o.c. on hip jacks EJ; beyond HG01 the valley is built into the HG01/H01/H02 profiles. (3) Entry gable on porch roof = RAFTER VALLEY FILL by framer. Sheath or purlin under valley sets per BCSI. Mudroom pocket fill/cricket per RFI 16.
- LOADS: TC snow full pg 40 psf (unbalanced checked, drift not incl. - RFI 1/19), TCDL 10, BCDL 10, BCLL 20 attic storage; wind 115 mph Risk II Exp C (RFI 2/20). Chords mostly 2x4 No.1 / MSR - confirm stock (RFI 23).
- CONNECTIONS: hangers (H#), truss-to-truss (C#) and uplift ties (U#) are designed by All Points and shown on plan per legend; forces and connectors per the connection schedule. Hangers per hanger schedule.
- SBCE / BCSI: the customer shall consult and follow SBCE's BCSI truss installation and safety recommendations, including handling, installation, temporary and permanent restraint and bracing. Permanent building stability bracing by the building designer / EOR.
- HOLDS: mudroom/laundry pocket roof (RFI 16), porch/entry/bay roofs (RFI 7), fireplace chase (RFI 8).

TRUSS COUNT (P1)

F1 main 26 | F2/F3 garage 13 | F4 cross gable 9 | Valley 11 | Jacks 48 | PB caps 18 pcs
TOTAL (incl. girder plies): 125 pcs

The design work is preliminary in nature and prepared by a technician. All design data and specifications must be verified by the project supervising professional and/or project EOR and sealed by that party. All Points Technical assumes no responsibility for the accuracy or completeness of the information provided. The customer shall consult and follow SBCE's BCSI (Building Component Safety Information) truss installation and safety recommendations, including handling, installation, restraint and bracing requirements.



ALL POINTS TECHNICAL INC.
Engineering Without Borders
allpointtech.ai - 941-713-4395

SAMPLE PROJECT

TRUSS PLACEMENT PLAN

Scale 1/8" = 1'-0" (11x17) Trusses @ 24" o.c. U.N.O.

PRELIMINARY - NOT FOR CONSTRUCTION - PENDING RFI RESPONSES

REV P1 10/08/2026
Drawn: All Points Layout Technician

1. UPLIFT CONNECTIONS AT BEARINGS (truss to wall / post) - designed by All Points

TAG	UPLIFT CONNECTOR (each heel / bearing)	TRUSS MARKS	HEELS	MAX GRAVITY (lb)	MAX UPLIFT (lb)	ALLOW UPLIFT (lb)	UTIL.
U2	LGT2 (2-ply)	HG01, HG02, GG01	6	7,200	812	1,755	0.46
U1	H2.5A	H01, H02, H03, H04, H05, H06, T01, T02, H07, H08, H09, H10, H11, H12, CJ01, CJ02, CJ03, EJ01, EJ02, EJ03, EJ04, HJ01, CJ04, CJ05, CJ06, EJ05, CJ07, CJ08, CJ09, GH01, GH02, GH03, GH04, GH05, G01, GE01, CJ10, CJ11, Q12, EJ06, HJ02, B01, BE01, C01, CE01	124	2,422	350	540	0.65
U3	ENGINEERED TIE TO POST (EOR) - RFI 21	GT01	2	25,883	757	-	-

2. TRUSS-TO-TRUSS CONNECTIONS - designed by All Points

TAG	CONNECTION	QTY	GRAVITY (lb)	UPLIFT (lb)	CONNECTOR (All Points recommendation)	ALLOW	UTIL.	NOTES
H1	Main truss F1 to GT01	19	2,520	-	Simpson HUS26	per P1	0.77	Hanger schedule (P1). Face of 4-ply GT01; see C4.
H2	End jack EJ to HG01/HG02/GG01	32	550	-	Simpson LUS26 (LUS24 if Exp B)	per P1	-	Hanger schedule (P1).
H3	Hip jack + end jack at girder corner	4	-	-	SPECIAL - THJA26 over at Exp C	-	>0.90	RFI 22 - connection by Simpson / EOR.
C1	Corner jack CJ to hip jack HJ	12	425	193	Simpson SUR24 / SUL24 (45 deg skew, 40-50 deg OK)	650 / 395	0.65	Hip jack skew 41.6 deg. Single-ply 2x4 HJ header: use 10d x 1-1/2 face nails per Simpson single-2x note, or make HJ 2-ply.
C2	Valley truss V to main truss TC	93	208	125	Simpson VTCR at each crossing (SD screws for uplift)	verify	-	Per crossing, 2"x2" trib, C&C. Sheathe or purlin main TC under valleys per BCSI. Confirm VTCR capacity on current Simpson catalog.
C3	Piggyback cap to base truss	19	-	399	2x4 purlins @ 24" o.c. on base flat TC, (2) 16d each truss; H2.5A each cap end to base TC through purlin	540	0.74	Uplift per cap end (C&C). Cap width approx. 12'-9 5/8". Purlins braced per BCSI; confirm with plate supplier standard piggyback detail.
C4	GT01 ply-to-ply (4-ply, hangers one face)	1	1,890 / hanger	-	Simpson SDW 6-3/8" screws, 2 rows each chord @ 12" o.c. + 4 at each hanger	per Simpson SDW table	-	Transfer approx. 945 plf from loaded face ply. Truss designer to confirm with sealed design.

NOTES

1. Rev P1 basis: gravity D + full pg 40 psf snow; uplift 0.6D + 0.6W, MWFRS 15.4 psf TC net / 28.5 psf overhang with 6+5 psf wind dead load (EOR full-DL values are lower); C&C 34.8 psf for truss-to-truss connections. GT01 and hip girder gravity per P1 girder design.
2. Simpson Strong-Tie catalog allowances; DF/SP column for SYP members, SPF/HF column at SPF wall plates. Utilization limit 0.90. Re-verify every model against the current Simpson catalog before release.
3. U1 typical at every truss heel unless noted. Install per Simpson; do not nail through truss plates. Continuous load path below the top plate (studs, sill, foundation) by the building designer / EOR.
4. SBCA / BCSI: the customer shall consult and follow SBCA's BCSI truss installation and safety recommendations, including handling, installation, temporary and permanent restraint and bracing (BCSI-B1, B2, B3). Permanent building stability bracing by the building designer / EOR.

The design work is preliminary in nature and prepared by a technician. All design data and specifications must be verified by the project supervising professional and/or project EOR and sealed by that party. All Points Technical assumes no responsibility for the accuracy or completeness of the information provided. The customer shall consult and follow SBCA's BCSI (Building Component Safety Information) truss installation and safety recommendations, including handling, installation, restraint and bracing requirements.

TRUSS SCHEDULE - QUANTITY, BOARD FEET & HANGERS

MARK	QTY	PLY	TYPE	SPAN	PITCH	HEIGHT	GRADE	TC	BC	WEBS	BF EA	BF TOTAL	R (lb)	U (lb)	CARRIED BY	HANGER	HGR QTY	CSI	STATUS
T01	1	1	PBASE	35.958'	9.0/12	10'-0"	SYP No.1	2×4	2×4	2×4	115.2	115.2	2371	0			0	0.9	OK
T01PB	1	1	FINK	12.75'	9.0/12	5'-0.9"	SYP No.2	2×4	2×4	2×4	29.6	29.6	667	24			0	0.46	OK
T02	9	1	PBASE	35.958'	9.0/12	10'-0"	SYP No.1	2×4	2×4	2×4	115.2	1036.8	2371	0			0	0.9	OK
T02PB	9	1	FINK	12.75'	9.0/12	5'-0.9"	SYP No.2	2×4	2×4	2×4	29.6	266.4	667	24			0	0.46	OK
H03	1	1	PBASE	35.958'	9.0/12	9'-2.7"	SYP MSR 1800f-1.6	2×4	2×4	2×4	111.3	111.3	2367	0			0	0.91	OK
H04	1	1	PBASE	35.958'	9.0/12	10'-6.7"	SYP MSR 1650f-1.5	2×4	2×4	2×4	118.2	118.2	2374	0			0	0.89	OK
H05	1	1	PBASE	35.958'	9.0/12	11'-10.7"	SYP MSR 2100f-1.6	2×4	2×4	2×4	110.9	110.9	2367	0			0	0.92	OK
H09	1	1	PBASE	35.958'	9.0/12	11'-4"	SYP MSR 2100f-1.6	2×4	2×4	2×4	122.5	122.5	2378	0			0	0.84	OK
H10	1	1	PBASE	35.958'	9.0/12	10'-0"	SYP No.1	2×4	2×4	2×4	115.2	115.2	2371	0			0	0.9	OK
H11	1	1	PBASE	35.958'	9.0/12	8'-8"	SYP No.2	2×4	2×4	2×4	118.5	118.5	2374	0			0	0.84	OK
H12	1	1	PBASE	35.958'	9.0/12	7'-4"	SYP No.1	2×4	2×4	2×4	110.2	110.2	2366	0			0	0.97	OK
H06	1	1	PBASE	35.958'	9.0/12	10'-0"	SYP No.1	2×4	2×4	2×4	115.2	115.2	2371	0			0	0.9	OK
H06PB	1	1	FINK	12.75'	9.0/12	5'-0.9"	SYP No.2	2×4	2×4	2×4	29.6	29.6	667	24			0	0.46	OK
H07	1	1	PBASE	35.958'	9.0/12	10'-0"	SYP No.1	2×4	2×4	2×4	115.2	115.2	2371	0			0	0.9	OK
H07PB	1	1	FINK	12.75'	9.0/12	5'-0.9"	SYP No.2	2×4	2×4	2×4	29.6	29.6	667	24			0	0.46	OK
H08	1	1	PBASE	35.958'	9.0/12	10'-0"	SYP No.1	2×4	2×4	2×4	115.2	115.2	2371	0			0	0.9	OK
H08PB	1	1	FINK	12.75'	9.0/12	5'-0.9"	SYP No.2	2×4	2×4	2×4	29.6	29.6	667	24			0	0.46	OK
H01	1	1	PBASE	35.958'	9.0/12	6'-6.7"	SYP MSR 2100f-1.6	2×4	2×4	2×4	98.7	98.7	2355	0			0	0.97	OK
H02	1	1	PBASE	35.958'	9.0/12	7'-10.7"	SYP No.2 Dense	2×4	2×4	2×4	113.6	113.6	2369	0			0	0.96	OK
HG01	1	2	PBASE	35.958'	9.0/12	6'-0"	SYP MSR 1650f-1.5	2×6	2×6	2×4	236.4	236.4	6042	0			0	0.95	OK
HG02	1	2	PBASE	35.958'	9.0/12	6'-0"	SYP No.1	2×6	2×6	2×4	242.0	242.0	4893	0			0	0.96	OK
GT01	1	4	HOWE6	37.375'	8.0/12	13'-8.4"	SYP MSR 2400f-2.0	2×12	2×12	2×4	884.4	884.4	26669	473			0	0.96	OK
C01	4	1	PBASE	37.375'	8.0/12	10'-0"	SYP MSR 1800f-1.6	2×4	2×4	2×4	117.9	471.6	2459	0			0	0.95	OK
C01PB	4	1	KINGPOST	11.287'	8.0/12	4'-0.6"	SYP No.2	2×4	2×4	2×4	19.1	76.4	583	25			0	0.79	OK
CE01	1	1	PBASE	37.375'	8.0/12	10'-0"	SYP MSR 1800f-1.6	2×4	2×4	2×4	117.9	117.9	2459	0			0	0.95	OK
CE01PB	1	1	KINGPOST	11.287'	8.0/12	4'-0.6"	SYP No.2	2×4	2×4	2×4	19.1	19.1	583	25			0	0.79	OK

Continued on next sheet.



ALL POINTS TECHNICAL INC.

SAMPLE PROJECT

TRUSS SCHEDULE - QUANTITY, BOARD...

Rev P1 10/08/2026
Drawn: All Points Layout Technician



SHEET
T-2.1

PRELIMINARY DESIGN ONLY - NOT FOR BUILD / NOT FOR CONSTRUCTION - PENDING RFI RESPONSES

TRUSS SCHEDULE - QUANTITY, BOARD FEET & HANGERS

MARK	QTY	PLY	TYPE	SPAN	PITCH	HEIGHT	GRADE	TC	BC	WEBS	BF EA	BF TOTAL	R (lb)	U (lb)	CARRIED BY	HANGER	HGR QTY	CSI	STATUS
G01	3	1	FINK	21.833'	8.0/12	8'-7"	SYP No.2	2×4	2×4	2×4	63.5	190.5	1473	0			0	0.96	OK
GE01	1	1	FINK	21.833'	8.0/12	8'-7"	SYP No.2	2×4	2×4	2×4	63.5	63.5	1473	0			0	0.96	OK
GH02	1	1	FINK	21.833'	8.0/12	8'-7"	SYP No.2	2×4	2×4	2×4	63.5	63.5	1473	0			0	0.96	OK
GH03	1	1	FINK	21.833'	8.0/12	8'-7"	SYP No.2	2×4	2×4	2×4	63.5	63.5	1473	0			0	0.96	OK
GH04	1	1	FINK	21.833'	8.0/12	8'-7"	SYP No.2	2×4	2×4	2×4	63.5	63.5	1473	0			0	0.96	OK
GH05	1	1	FINK	21.833'	8.0/12	8'-7"	SYP No.2	2×4	2×4	2×4	63.5	63.5	1473	0			0	0.96	OK
GH01	1	1	FINK	21.833'	8.0/12	8'-7"	SYP No.2	2×4	2×4	2×4	63.5	63.5	1473	0			0	0.96	OK
GG01	1	2	PBASE	21.833'	8.0/12	6'-7"	SYP MSR 1650f-1.5	2×4	2×4	2×4	110.2	110.2	3462	0			0	0.96	OK
B01	1	1	KINGPOST	10.833'	8.0/12	4'-11"	SYP No.2	2×4	2×4	2×4	29.3	29.3	779	0			0	0.81	OK
BE01	1	1	KINGPOST	10.833'	8.0/12	4'-11"	SYP No.2	2×4	2×4	2×4	29.3	29.3	779	0			0	0.81	OK
CJ01	1	1	MONO	2.25'	8.0/12	2'-9.6"	SYP No.2	2×4	2×4	2×4	6.5	6.5	264	17	HJ	SUR/SUL24 (C1)	1	0.37	OK
CJ02	1	1	MONO	4.5'	8.0/12	4'-3.6"	SYP No.2	2×4	2×4	2×4	13.8	13.8	394	5	HJ	SUR/SUL24 (C1)	1	0.79	OK
CJ03	1	1	MONO	6.75'	8.0/12	5'-9.6"	SYP No.2	2×4	2×4	2×4	22.7	22.7	532	0	HJ	SUR/SUL24 (C1)	1	0.46	OK
EJ01	11	1	MONO	7'	8.0/12	5'-11.6"	SYP No.2	2×4	2×4	2×4	23.4	257.4	548	0	HG01	LUS26	11	0.48	OK
EJ02	1	1	MONO	6.702'	8.0/12	5'-9.3"	SYP No.2	2×4	2×4	2×4	22.6	22.6	529	0	HG01	LUS26	1	0.46	OK
EJ03	1	1	MONO	4.452'	8.0/12	4'-3.3"	SYP No.2	2×4	2×4	2×4	10.7	10.7	388	7	HG01	LUS26	1	0.78	OK
EJ04	1	1	MONO	2.202'	8.0/12	2'-9.3"	SYP No.2	2×4	2×4	2×4	8.0	8.0	263	16	HG01	LUS26	1	0.36	OK
CJ04	1	1	MONO	2.25'	8.0/12	2'-9.6"	SYP No.2	2×4	2×4	2×4	6.5	6.5	264	17	HJ	SUR/SUL24 (C1)	1	0.37	OK
CJ05	1	1	MONO	4.5'	8.0/12	4'-3.6"	SYP No.2	2×4	2×4	2×4	13.8	13.8	394	5	HJ	SUR/SUL24 (C1)	1	0.79	OK
CJ06	1	1	MONO	6.75'	8.0/12	5'-9.6"	SYP No.2	2×4	2×4	2×4	22.7	22.7	532	0	HJ	SUR/SUL24 (C1)	1	0.46	OK
EJ05	11	1	MONO	7'	8.0/12	5'-11.6"	SYP No.2	2×4	2×4	2×4	23.4	257.4	548	0	HG02	LUS26	11	0.48	OK
CJ07	1	1	MONO	6.702'	8.0/12	5'-9.3"	SYP No.2	2×4	2×4	2×4	22.6	22.6	529	0	HJ	SUR/SUL24 (C1)	1	0.46	OK
CJ08	1	1	MONO	4.452'	8.0/12	4'-3.3"	SYP No.2	2×4	2×4	2×4	10.7	10.7	388	7	HJ	SUR/SUL24 (C1)	1	0.78	OK
CJ09	1	1	MONO	2.202'	8.0/12	2'-9.3"	SYP No.2	2×4	2×4	2×4	8.0	8.0	263	16	HJ	SUR/SUL24 (C1)	1	0.36	OK
CJ10	1	1	MONO	1.777'	9.0/12	2'-7.6"	SYP No.2	2×4	2×4	2×4	5.7	5.7	241	20	HJ	SUR/SUL24 (C1)	1	0.29	OK
CJ11	1	1	MONO	3.556'	9.0/12	3'-11.6"	SYP No.2	2×4	2×4	2×4	11.8	11.8	338	9	HJ	SUR/SUL24 (C1)	1	0.61	OK

Continued on next sheet.



ALL POINTS TECHNICAL INC.

SAMPLE PROJECT

TRUSS SCHEDULE - QUANTITY, BOARD...

Rev P1 10/08/2026
Drawn: All Points Layout Technician



SHEET
T-2.2

PRELIMINARY DESIGN ONLY - NOT FOR BUILD / NOT FOR CONSTRUCTION - PENDING RFI RESPONSES

TRUSS SCHEDULE - QUANTITY, BOARD FEET & HANGERS

MARK	QTY	PLY	TYPE	SPAN	PITCH	HEIGHT	GRADE	TC	BC	WEBS	BF EA	BF TOTAL	R (lb)	U (lb)	CARRIED BY	HANGER	HGR QTY	CSI	STATUS
CJ12	1	1	MONO	5.333'	9.0/12	5'-3.6"	SYP No.2	2×4	2×4	2×4	12.8	12.8	440	3	HJ	SUR/SUL24 (C1)	1	0.96	OK
EJ06	7	1	MONO	7'	9.0/12	6'-6.6"	SYP No.2	2×4	2×4	2×4	24.4	170.8	548	0	GG01	LUS26	7	0.48	OK
HJ01	3	1	MONO	9.366'	8.0/12	5'-8.8"	SYP No.2	2×4	2×4	2×4	27.3	81.9	968	0	HG01/HG02	SPECIAL (H3, RFI 2	3	0.85	OK
HJ02	1	1	MONO	10.536'	9.0/12	6'-10.8"	SYP No.1	2×4	2×4	2×4	31.3	31.3	1070	0	GG01	SPECIAL (H3, RFI 2	1	0.82	OK
V02	1	1	KINGPOST	7.02'	8.0/12	2'-7.6"	SYP No.2	2×4	2×4	2×4	11.9	11.9	398	0			0	0.4	OK
V03	1	1	KINGPOST	11.52'	8.0/12	4'-1.6"	SYP No.2	2×4	2×4	2×4	19.5	19.5	653	0			0	0.85	OK
V04	1	1	FINK	16.02'	8.0/12	5'-7.6"	SYP No.2	2×4	2×4	2×4	35.5	35.5	916	0			0	0.65	OK
V05	1	1	FINK	20.52'	8.0/12	7'-1.6"	SYP No.2	2×4	2×4	2×4	45.4	45.4	1173	0			0	0.83	OK
V06	1	1	HOWE6	25.02'	8.0/12	8'-7.6"	SYP No.2	2×4	2×4	2×4	69.4	69.4	1444	0			0	0.62	OK
V07	1	1	HOWE6	29.52'	8.0/12	10'-1.6"	SYP No.2	2×4	2×4	2×4	81.8	81.8	1704	0			0	0.8	OK
V08	1	1	HOWE8	34.02'	8.0/12	11'-7.6"	SYP No.2	2×4	2×4	2×4	109.1	109.1	1979	0			0	0.81	OK
VG01	1	1	FINK	16.87'	9.0/12	6'-7.4"	SYP No.2	2×4	2×4	2×4	39.1	39.1	966	0			0	0.67	OK
VG02	1	1	FINK	13.31'	9.0/12	5'-3.4"	SYP No.2	2×4	2×4	2×4	30.9	30.9	762	0			0	0.52	OK
VG03	1	1	KINGPOST	9.75'	9.0/12	3'-11.4"	SYP No.2	2×4	2×4	2×4	17.1	17.1	553	0			0	0.58	OK
TOTAL	118											7147.0	SUR/SUL24 (C1) x12, LUS26 x32, SPECIAL (H3, RFI 22) x			67			

Hangers: Simpson Strong-Tie (DF/SP column for SYP); roof gravity vs 115 column, uplift vs 160; utilization <= 0.90. Add 10% overage. Re-verify vs current catalog.
R = max gravity reaction; U = uplift 0.6D+0.6W (MWFRS). BF = net board feet from cut lengths.

1. PRELIMINARY DESIGN ONLY - NOT FOR BUILD. For pricing, layout coordination and RFI review. Final truss designs, plating and sealed truss design drawings are by the truss manufacturer's design engineer.

2. Member sizes, grades, plates, reactions and uplift are preliminary and subject to change with RFI responses, final loads, final geometry and the manufacturer's design.

3. Building designer / EOR is responsible for the overall building design, load path, bearing, girder support, posts and footings, and uplift connections to the structure below.

4. Verify all dimensions, bearing locations and heel heights with the architectural and structural drawings before fabrication.

5. BRACING: Trusses require temporary and permanent restraint/bracing. Handle, install, restrain and brace per BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses (SBCA/TPI) and the BCSI B-series summary sheets.

6. Top chords: continuously sheathed or braced by purlins at 24" o.c. max unless noted. Piggyback base flat top chords: 2×4 purlins at 24" o.c.

7. Bottom chords: braced by a rigid ceiling applied directly, or by restraint at 10'-0" o.c. max with diagonal bracing.

8. Webs marked CLR require continuous lateral restraint (or T/L/scab reinforcement) per BCSI B3, anchored with diagonal bracing. Restraint locations are shown on the final truss design drawings.

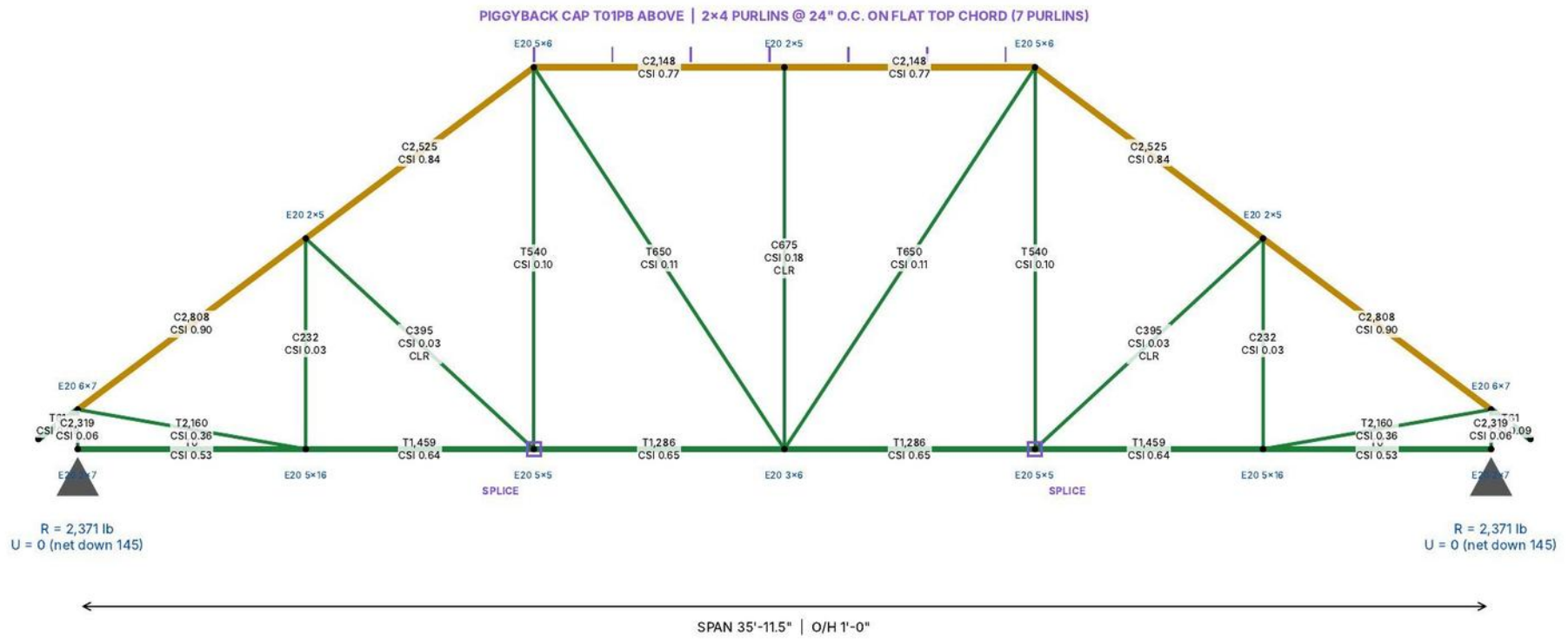
9. Permanent building stability bracing (wind and seismic) is the responsibility of the building designer / EOR.



TRUSS T01 - PBASE - 9.0/12 - 1-PLY

BOARD FEET: 115.2 BF / truss

TC 2x4 SP No.1 BC 2x4 SP No.1 WEBS 2x4 SP No.1 @ 24" O.C.



Loads (psf): TCLL 20.0 snow pf 40.0 (pg 40.0) TCDL 10.0 BCLL 10.0 BCDL 10.0

Wind uplift (net, TC plan): 15.4 psf overhang 28.5 psf

Load cases: D+S, D+Latt, D+0.75Latt+0.75S, 0.6D+0.6W, D+unbal L, D+unbal R, D+Lstorage, D + moving 300 lb TC / 200 lb BC pt loads

Max CSI 0.90 Live defl 0.143" (L/3012) Total 0.21" (L/2057) Bearing cap. 4,661 lb

Method: 2D frame, continuous chords / pinned webs; NDS 2018 ASD; SYP values per SPIB / NDS Supp. 4B; plates per ICC-ES ESR, 20 / 20HS / 18 ga (estimate).

Chord lumber max 16 ft; splices at panel points (purple squares): BC @ 11.6', BC @ 24.4' Pieces (ft): BC 11.6, BC 12.75, BC 11.6, TC 15.76, TC 12.75, TC 15.76

CSI colors: green <= 0.70, amber <= 0.90, orange <= 1.00, red > 1.00. C = compression, T = tension (lb). R = max gravity, U = uplift 0.6D+0.6W.

Horiz defl Δh 0.083" at roller bearing (est.) **OK - warning above 1/2"**

- PRELIMINARY NOTES**
- 1. PRELIMINARY DESIGN ONLY - NOT FOR BUILD. For pricing, layout coordination and RFI review. Final truss designs, plating and sealed truss design drawings are by the truss manufacturer's design engineer.
 - 2. Member sizes, grades, plates, reactions and uplift are preliminary and subject to change with RFI responses, final loads, final geometry and the manufacturer's design.
 - 3. Building designer / EOR is responsible for the overall building design, load path, bearing, girder support, posts and footings, and uplift connections to the structure below.
 - 4. Verify all dimensions, bearing locations and heel heights with the architectural and structural drawings before fabrication.
 - 5. BRACING: Trusses require temporary and permanent restraint/bracing. Handle, install, restrain and brace per BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses (SBCE/TPI) and the BCSI B-series summary sheets.
 - 6. Top chords: continuously sheathed or braced by purlins at 24" o.c. max unless noted. Piggyback base flat top chords: 2x4 purlins at 24" o.c.
 - 7. Bottom chords: braced by a rigid ceiling applied directly, or by restraint at 10'-0" o.c. max with diagonal bracing.
 - 8. Webs marked CLR require continuous lateral restraint (or T/L/scab reinforcement) per BCSI B3, anchored with diagonal bracing. Restraint locations are shown on the final truss design drawings.
 - 9. Permanent building stability bracing (wind and seismic) is the responsibility of the building designer / EOR.



ALL POINTS TECHNICAL INC.

SAMPLE PROJECT

TRUSS PROFILE T01
Scale: NTS

Rev P1 10/08/2026
Drawn: All Points Layout Technician

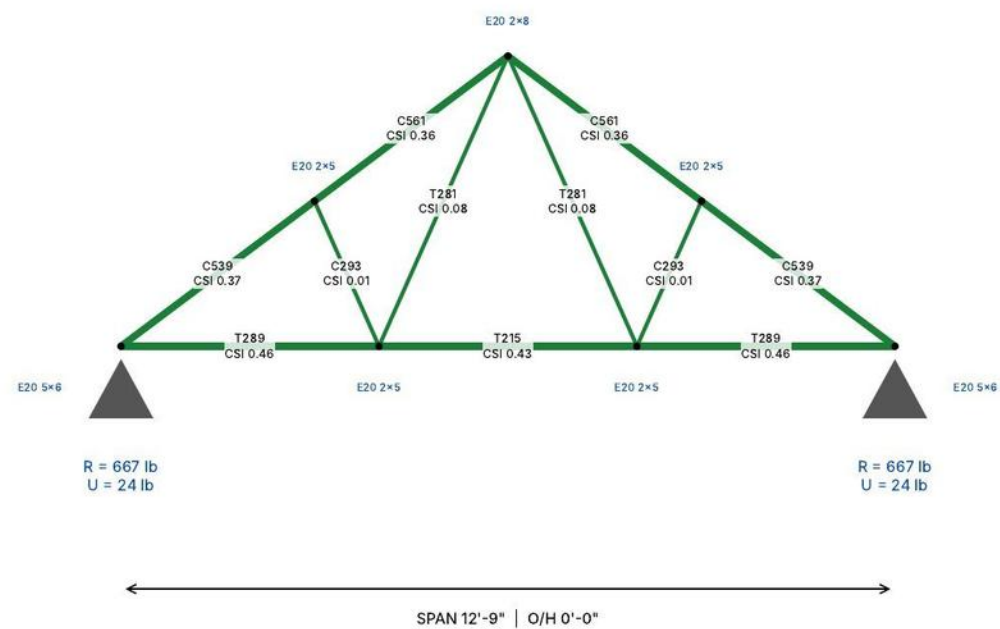


SHEET
T-3

TRUSS T01PB - FINK - 9.0/12 - 1-PLY

TC 2x4 SP No.2 BC 2x4 SP No.2 WEBS 2x4 SP No.2 @ 24" O.C.

BOARD FEET: 29.6 BF / truss



Loads (psf): TCLL 20.0 snow pf 40.0 (pg 40.0) TCDL 10.0 BCCL 0.0 BCDL 0.0

Wind uplift (net, TC plan): 15.4 psf overhang 0.0 psf

Load cases: D+S, 0.6D+0.6W, D+unbal L, D+unbal R, D+Lstorage, D + moving 300 lb TC / 200 lb BC pt loads

Max CSI 0.46 Live defl 0.021" (L/7168) Total 0.028" (L/5450) Bearing cap. 2,966 lb

Method: 2D frame, continuous chords / pinned webs; NDS 2018 ASD; SYP values per SPIB / NDS Supp. 4B; plates per ICC-ES ESR, 20 / 20HS / 18 ga (estimate).

Chord lumber max 16 ft; splices at panel points (purple squares): none Pieces (ft): BC 12.75, TC 7.97, TC 7.97

CSI colors: green <= 0.70, amber <= 0.90, orange <= 1.00, red > 1.00. C = compression, T = tension (lb). R = max gravity, U = uplift 0.6D+0.6W.

Horiz defl Δh 0.005" at roller bearing (est.) **OK - warning above 1/2"**

- PRELIMINARY NOTES**
- 1. PRELIMINARY DESIGN ONLY - NOT FOR BUILD. For pricing, layout coordination and RFI review. Final truss designs, plating and sealed truss design drawings are by the truss manufacturer's design engineer.
 - 2. Member sizes, grades, plates, reactions and uplift are preliminary and subject to change with RFI responses, final loads, final geometry and the manufacturer's design.
 - 3. Building designer / EOR is responsible for the overall building design, load path, bearing, girder support, posts and footings, and uplift connections to the structure below.
 - 4. Verify all dimensions, bearing locations and heel heights with the architectural and structural drawings before fabrication.
 - 5. BRACING: Trusses require temporary and permanent restraint/bracing. Handle, install, restrain and brace per BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses (SBCA/TPI) and the BCSI B-series summary sheets.
 - 6. Top chords: continuously sheathed or braced by purlins at 24" o.c. max unless noted. Piggyback base flat top chords: 2x4 purlins at 24" o.c.
 - 7. Bottom chords: braced by a rigid ceiling applied directly, or by restraint at 10'-0" o.c. max with diagonal bracing.
 - 8. Webs marked CLR require continuous lateral restraint (or T/L/scab reinforcement) per BCSI B3, anchored with diagonal bracing. Restraint locations are shown on the final truss design drawings.
 - 9. Permanent building stability bracing (wind and seismic) is the responsibility of the building designer / EOR.



ALL POINTS TECHNICAL INC.

SAMPLE PROJECT

TRUSS PROFILE T01PB
Scale: NTS

Rev P1 10/08/2026
Drawn: All Points Layout Technician

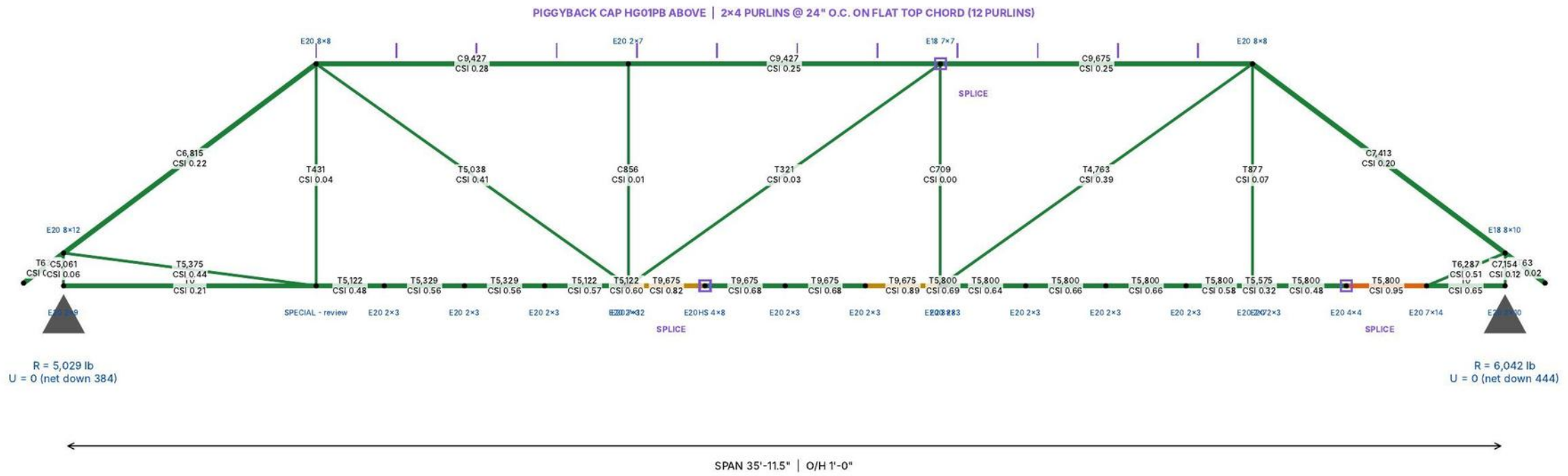


SHEET
T-4

TRUSS HG01 - PBASE - 9.0/12 - 2-PLY

BOARD FEET: 236.4 BF / truss

TC 2x6 SP MSR 1650f-1.5E BC 2x6 SP MSR 1650f-1.5E WEBS 2x4 SP MSR 1650f-1.5E @ 24" O.C.



Loads (psf): TCLL 20.0 snow pf 40.0 (pg 40.0) TCDL 10.0 BCLL 10.0 BCDL 10.0

Wind uplift (net, TC plan): 15.4 psf overhang 28.5 psf

Load cases: D+S, D+Latt, D+0.75Latt+0.75S, 0.6D+0.6W, D+unbal L, D+unbal R, D+Lstorage, D + moving 300 lb TC / 200 lb BC pt loads

Max CSI 0.95 Live defl 0.377" (L/1143) Total 0.558" (L/773) Bearing cap. 9,322 lb

Method: 2D frame, continuous chords / pinned webs; NDS 2018 ASD; SYP values per SPIB / NDS Supp. 4B; plates per ICC-ES ESR, 20 / 20HS / 18 ga (estimate).

Chord lumber max 16 ft; splices at panel points (purple squares): BC @ 16.0', BC @ 32.0', TC @ 21.9' Pieces (ft): BC 16.0, BC 16.0, BC 3.96, TC 9.12, TC 15.57, TC 7.79, TC 9.12

CSI colors: green <= 0.70, amber <= 0.90, orange <= 1.00, red > 1.00. C = compression, T = tension (lb). R = max gravity, U = uplift 0.6D+0.6W.

Horiz defl Δh 0.111" at roller bearing (est.) **OK - warning above 1/2"**

- PRELIMINARY NOTES**
1. PRELIMINARY DESIGN ONLY - NOT FOR BUILD. For pricing, layout coordination and RFI review. Final truss designs, plating and sealed truss design drawings are by the truss manufacturer's design engineer.
 2. Member sizes, grades, plates, reactions and uplift are preliminary and subject to change with RFI responses, final loads, final geometry and the manufacturer's design.
 3. Building designer / EOR is responsible for the overall building design, load path, bearing, girder support, posts and footings, and uplift connections to the structure below.
 4. Verify all dimensions, bearing locations and heel heights with the architectural and structural drawings before fabrication.
 5. BRACING: Trusses require temporary and permanent restraint/bracing. Handle, install, restrain and brace per BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses (SBCE/TPI) and the BCSI B-series summary sheets.
 6. Top chords: continuously sheathed or braced by purlins at 24" o.c. max unless noted. Piggyback base flat top chords: 2x4 purlins at 24" o.c.
 7. Bottom chords: braced by a rigid ceiling applied directly, or by restraint at 10'-0" o.c. max with diagonal bracing.
 8. Webs marked CLR require continuous lateral restraint (or T/L/scab reinforcement) per BCSI B3, anchored with diagonal bracing. Restraint locations are shown on the final truss design drawings.
 9. Permanent building stability bracing (wind and seismic) is the responsibility of the building designer / EOR.



ALL POINTS TECHNICAL INC.

SAMPLE PROJECT

TRUSS PROFILE HG01
Scale: NTS

Rev P1 10/08/2026
Drawn: All Points Layout Technician

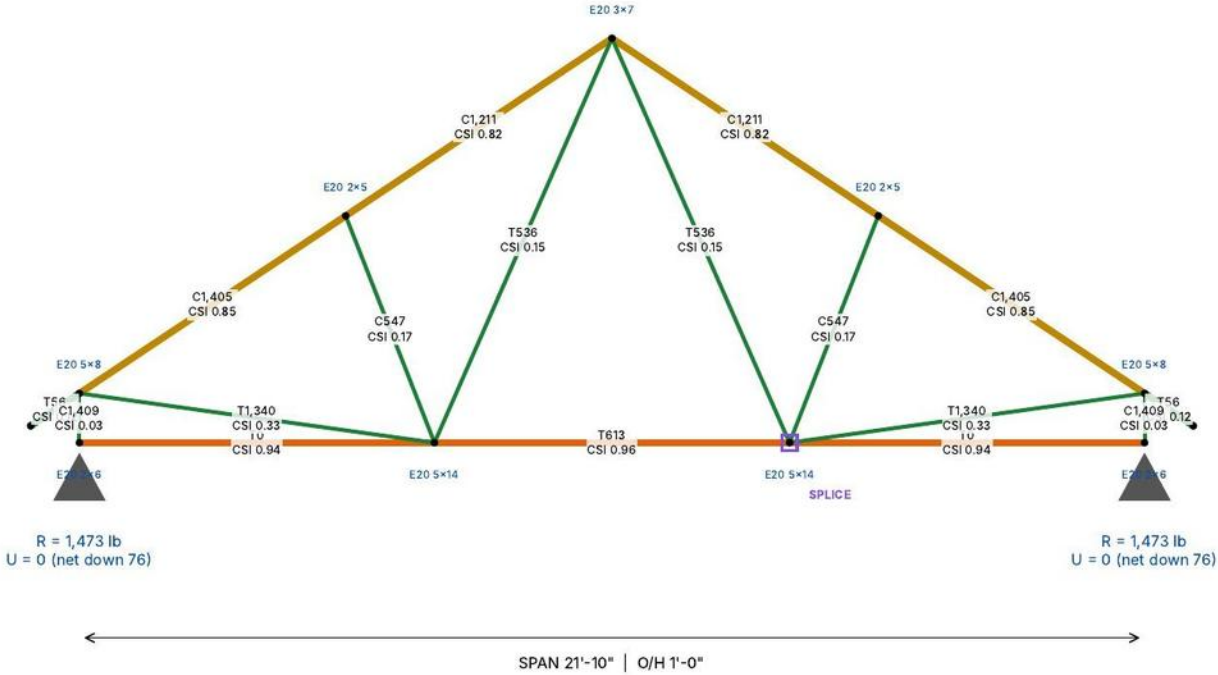


SHEET
T-22

TRUSS G01 - FINK - 8.0/12 - 1-PLY

TC 2x4 SP No.2 BC 2x4 SP No.2 WEBS 2x4 SP No.2 @ 24" O.C.

BOARD FEET: 63.5 BF / truss



Loads (psf): TCLL 20.0 snow pf 40.0 (pg 40.0) TCDL 10.0 BCLL 10.0 BCDL 10.0
Wind uplift (net, TC plan): 15.4 psf overhang 28.5 psf
Load cases: D+S, D+Latt, D+0.75Latt+0.75S, 0.6D+0.6W, D+unbal L, D+unbal R, D+Lstorage, D + moving 300 lb TC / 200 lb BC pt loads
Max CSI 0.96 Live defl 0.065" (L/4045) Total 0.095" (L/2762) Bearing cap. 4,661 lb
Method: 2D frame, continuous chords / pinned webs; NDS 2018 ASD; SYP values per SPIB / NDS Supp. 4B; plates per ICC-ES ESR, 20 / 20HS / 18 ga (estimate).
Chord lumber max 16 ft; splices at panel points (purple squares): BC @ 14.6' Pieces (ft): BC 14.56, BC 7.28, TC 14.32, TC 14.32
CSI colors: green <= 0.70, amber <= 0.90, orange <= 1.00, red > 1.00. C = compression, T = tension (lb). R = max gravity, U = uplift 0.6D+0.6W.
Horiz defl Δh 0.039" at roller bearing (est.) **OK - warning above 1/2"**

- PRELIMINARY NOTES**
1. PRELIMINARY DESIGN ONLY - NOT FOR BUILD. For pricing, layout coordination and RFI review. Final truss designs, plating and sealed truss design drawings are by the truss manufacturer's design engineer.
 2. Member sizes, grades, plates, reactions and uplift are preliminary and subject to change with RFI responses, final loads, final geometry and the manufacturer's design.
 3. Building designer / EOR is responsible for the overall building design, load path, bearing, girder support, posts and footings, and uplift connections to the structure below.
 4. Verify all dimensions, bearing locations and heel heights with the architectural and structural drawings before fabrication.
 5. BRACING: Trusses require temporary and permanent restraint/bracing. Handle, install, restrain and brace per BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses (SBCA/TPI) and the BCSI B-series summary sheets.
 6. Top chords: continuously sheathed or braced by purlins at 24" o.c. max unless noted. Piggyback base flat top chords: 2x4 purlins at 24" o.c.
 7. Bottom chords: braced by a rigid ceiling applied directly, or by restraint at 10'-0" o.c. max with diagonal bracing.
 8. Webs marked CLR require continuous lateral restraint (or T/L/scab reinforcement) per BCSI B3, anchored with diagonal bracing. Restraint locations are shown on the final truss design drawings.
 9. Permanent building stability bracing (wind and seismic) is the responsibility of the building designer / EOR.



ALL POINTS TECHNICAL INC.

SAMPLE PROJECT

TRUSS PROFILE G01
Scale: NTS

Rev P1 10/08/2026
Drawn: All Points Layout Technician

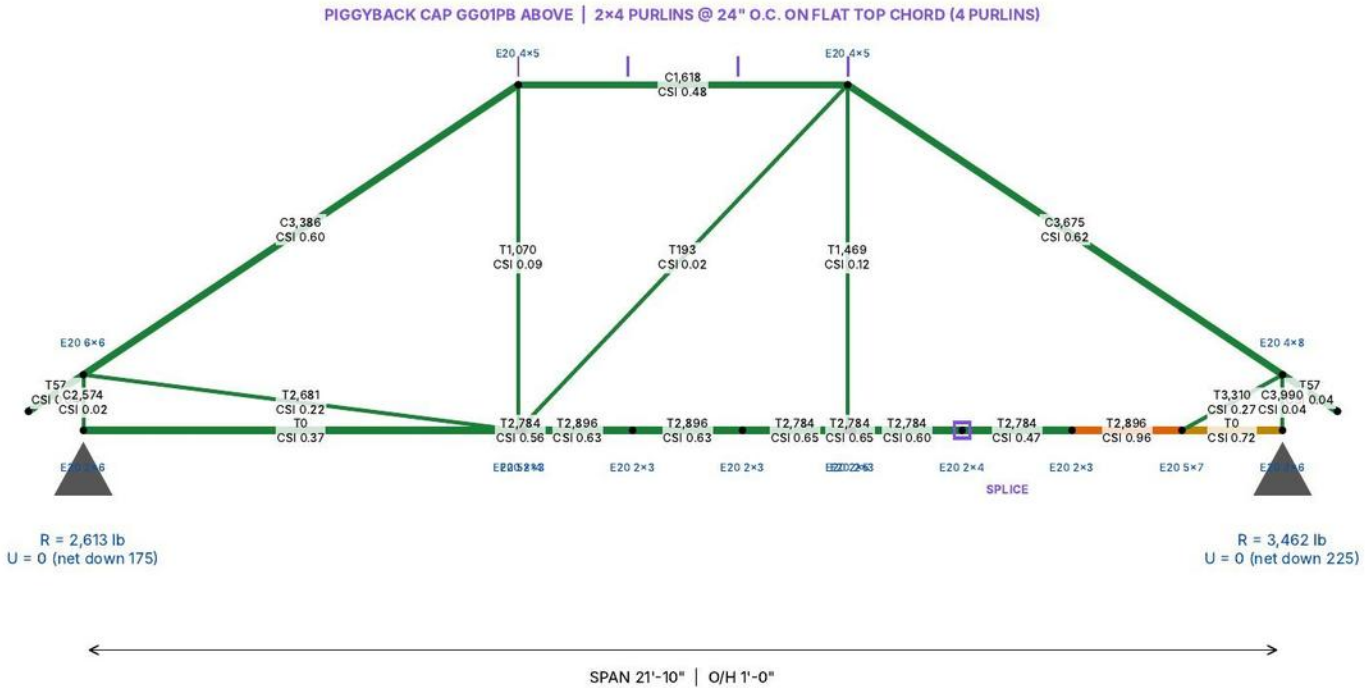


SHEET
T-29

TRUSS GG01 - PBASE - 8.0/12 - 2-PLY

BOARD FEET: 110.2 BF / truss

TC 2x4 SP MSR 1650f-1.5E BC 2x4 SP MSR 1650f-1.5E WEBS 2x4 SP MSR 1650f-1.5E @ 24" O.C.



Loads (psf): TCLL 20.0 snow pf 40.0 (pg 40.0) TCDL 10.0 BCLL 10.0 BCDL 10.0

Wind uplift (net, TC plan): 15.4 psf overhang 28.5 psf

Load cases: D+S, D+Latt, D+0.75Latt+0.75S, 0.6D+0.6W, D+unbal L, D+unbal R, D+Lstorage, D + moving 300 lb TC / 200 lb BC pt loads

Max CSI 0.96 Live defl 0.231" (L/1133) Total 0.321" (L/817) Bearing cap. 9,322 lb

Method: 2D frame, continuous chords / pinned webs; NDS 2018 ASD; SYP values per SPIB / NDS Supp. 4B; plates per ICC-ES ESR, 20 / 20HS / 18 ga (estimate).

Chord lumber max 16 ft; splices at panel points (purple squares): BC @ 16.0' Pieces (ft): BC 16.0, BC 5.83, TC 10.72, TC 6.0, TC 10.72

CSI colors: green <= 0.70, amber <= 0.90, orange <= 1.00, red > 1.00. C = compression, T = tension (lb). R = max gravity, U = uplift 0.6D+0.6W.

Horiz defl Δh 0.047" at roller bearing (est.) **OK - warning above 1/2"**

PRELIMINARY NOTES

1. PRELIMINARY DESIGN ONLY - NOT FOR BUILD. For pricing, layout coordination and RFI review. Final truss designs, plating and sealed truss design drawings are by the truss manufacturer's design engineer.
2. Member sizes, grades, plates, reactions and uplift are preliminary and subject to change with RFI responses, final loads, final geometry and the manufacturer's design.
3. Building designer / EOR is responsible for the overall building design, load path, bearing, girder support, posts and footings, and uplift connections to the structure below.
4. Verify all dimensions, bearing locations and heel heights with the architectural and structural drawings before fabrication.
5. BRACING: Trusses require temporary and permanent restraint/bracing. Handle, install, restrain and brace per BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses (SBCA/TPI) and the BCSI B-series summary sheets.
6. Top chords: continuously sheathed or braced by purlins at 24" o.c. max unless noted. Piggyback base flat top chords: 2x4 purlins at 24" o.c.
7. Bottom chords: braced by a rigid ceiling applied directly, or by restraint at 10'-0" o.c. max with diagonal bracing.
8. Webs marked CLR require continuous lateral restraint (or T/L/scab reinforcement) per BCSI B3, anchored with diagonal bracing. Restraint locations are shown on the final truss design drawings.
9. Permanent building stability bracing (wind and seismic) is the responsibility of the building designer / EOR.



ALL POINTS TECHNICAL INC.

SAMPLE PROJECT

TRUSS PROFILE GG01
Scale: NTS

Rev P1 10/08/2026
Drawn: All Points Layout Technician

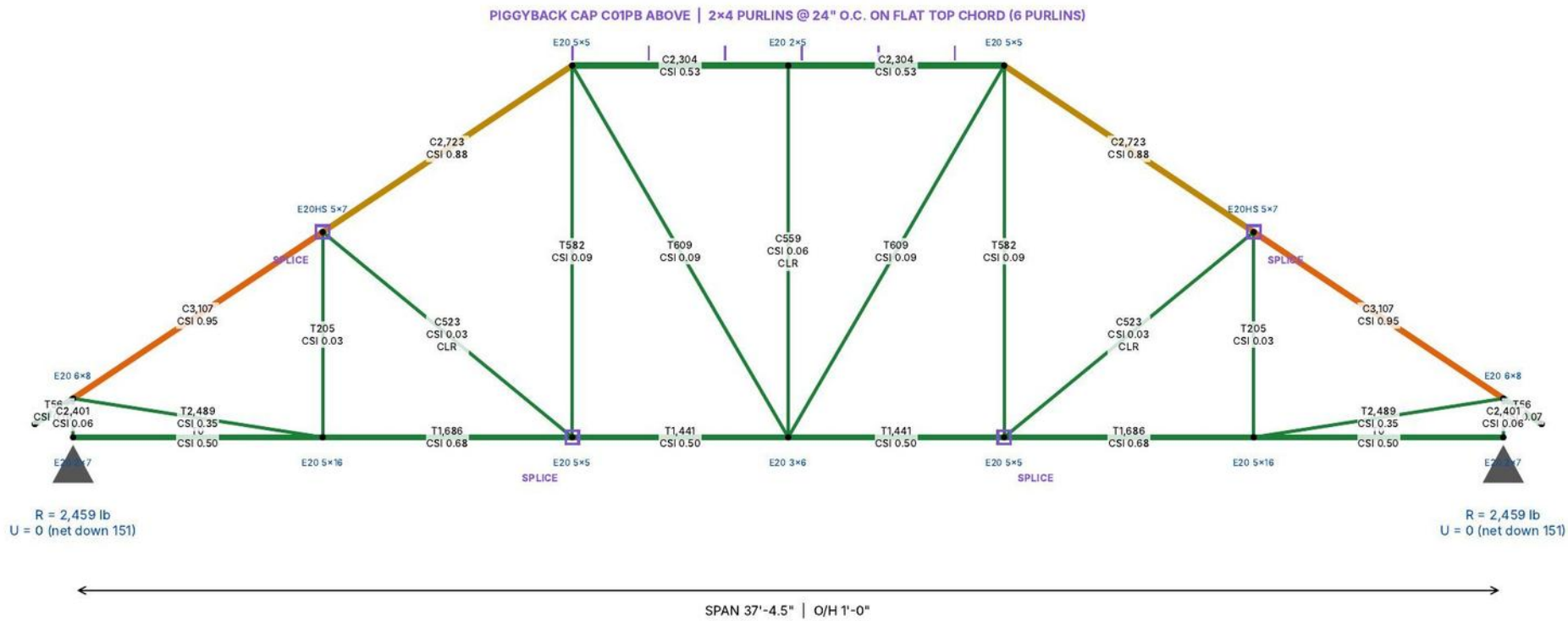


SHEET
T-36

TRUSS C01 - PBASE - 8.0/12 - 1-PLY

BOARD FEET: 117.9 BF / truss

TC 2x4 SP MSR 1800f-1.6E BC 2x4 SP MSR 1800f-1.6E WEBS 2x4 SP MSR 1800f-1.6E @ 24" O.C.



Loads (psf): TCLL 20.0 snow pf 40.0 (pg 40.0) TCDL 10.0 BCLL 10.0 BCDL 10.0

Wind uplift (net, TC plan): 15.4 psf overhang 28.5 psf

Load cases: D+S, D+Latt, D+0.75Latt+0.75S, 0.6D+0.6W, D+unbal L, D+unbal R, D+Lstorage, D + moving 300 lb TC / 200 lb BC pt loads

Max CSI 0.95 Live defl 0.173" (L/2595) Total 0.253" (L/1772) Bearing cap. 4,661 lb

Method: 2D frame, continuous chords / pinned webs; NDS 2018 ASD; SYP values per SPIB / NDS Supp. 4B; plates per ICC-ES ESR, 20 / 20HS / 18 ga (estimate).

Chord lumber max 16 ft; splices at panel points (purple squares): BC @ 13.0', BC @ 24.3', TC @ 6.5', TC @ 30.9' Pieces (ft): BC 13.04, BC 11.29, BC 13.04, TC 9.04, TC 7.84, TC 11.29, TC 9.04, TC 7.84

CSI colors: green <= 0.70, amber <= 0.90, orange <= 1.00, red > 1.00. C = compression, T = tension (lb). R = max gravity, U = uplift 0.6D+0.6W.

Horiz defl Δh 0.101" at roller bearing (est.) **OK - warning above 1/2"**

PRELIMINARY NOTES

1. PRELIMINARY DESIGN ONLY - NOT FOR BUILD. For pricing, layout coordination and RFI review. Final truss designs, plating and sealed truss design drawings are by the truss manufacturer's design engineer.
2. Member sizes, grades, plates, reactions and uplift are preliminary and subject to change with RFI responses, final loads, final geometry and the manufacturer's design.
3. Building designer / EOR is responsible for the overall building design, load path, bearing, girder support, posts and footings, and uplift connections to the structure below.
4. Verify all dimensions, bearing locations and heel heights with the architectural and structural drawings before fabrication.
5. BRACING: Trusses require temporary and permanent restraint/bracing. Handle, install, restrain and brace per BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses (SBCE/TPI) and the BCSI B-series summary sheets.
6. Top chords: continuously sheathed or braced by purlins at 24" o.c. max unless noted. Piggyback base flat top chords: 2x4 purlins at 24" o.c.
7. Bottom chords: braced by a rigid ceiling applied directly, or by restraint at 10'-0" o.c. max with diagonal bracing.
8. Webs marked CLR require continuous lateral restraint (or T/L/scab reinforcement) per BCSI B3, anchored with diagonal bracing. Restraint locations are shown on the final truss design drawings.
9. Permanent building stability bracing (wind and seismic) is the responsibility of the building designer / EOR.



ALL POINTS TECHNICAL INC.

SAMPLE PROJECT

TRUSS PROFILE C01
Scale: NTS

Rev P1 10/08/2026
Drawn: All Points Layout Technician

Powered by
APAS VISION ENGINEER™

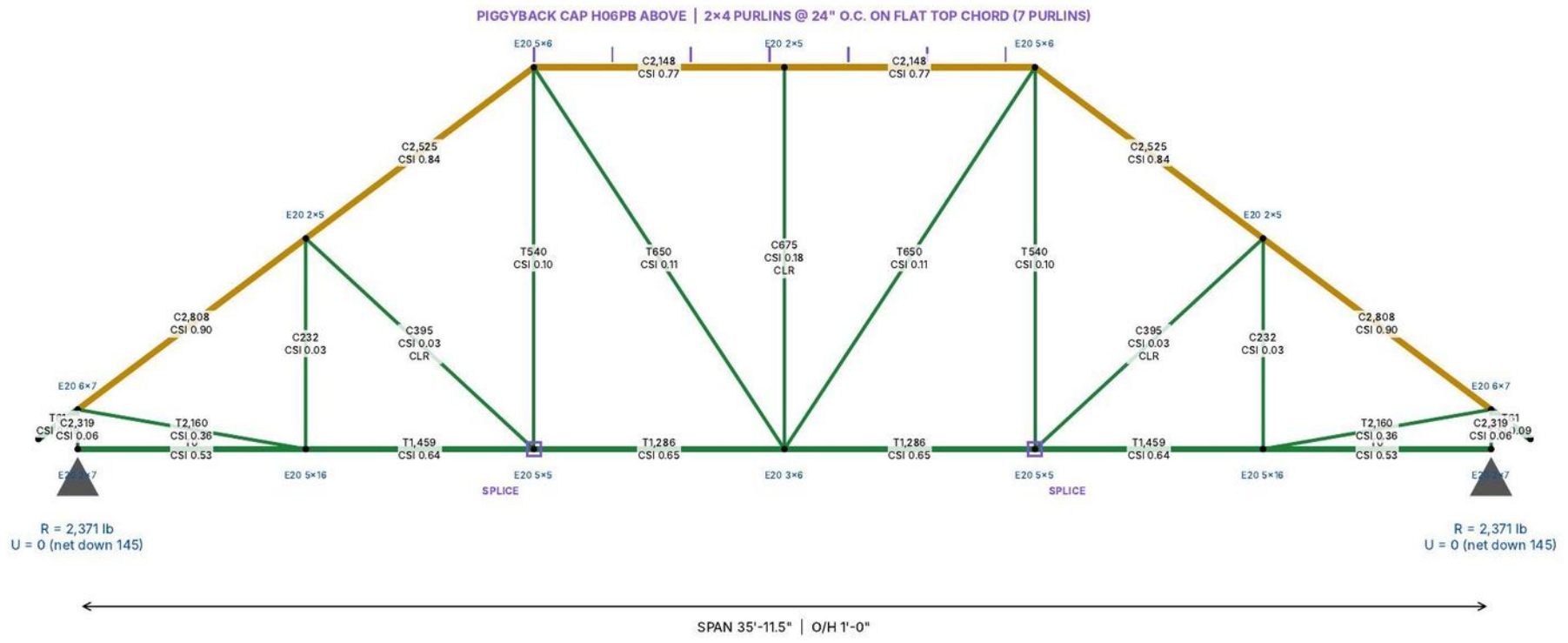
SHEET
T-25

PRELIMINARY DESIGN ONLY - NOT FOR BUILD / NOT FOR CONSTRUCTION - PENDING RFI RESPONSES

TRUSS H06 - PBASE - 9.0/12 - 1-PLY

BOARD FEET: 115.2 BF / truss

TC 2x4 SP No.1 BC 2x4 SP No.1 WEBS 2x4 SP No.1 @ 24" O.C.



Loads (psf): TCLL 20.0 snow pf 40.0 (pg 40.0) TCDL 10.0 BCLL 10.0 BCDL 10.0
Wind uplift (net, TC plan): 15.4 psf overhang 28.5 psf
Load cases: D+S, D+Latt, D+0.75Latt+0.75S, 0.6D+0.6W, D+unbal L, D+unbal R, D+Lstorage, D + moving 300 lb TC / 200 lb BC pt loads
Max CSI 0.90 Live defl 0.143" (L/3012) Total 0.21" (L/2057) Bearing cap. 4,661 lb
Method: 2D frame, continuous chords / pinned webs; NDS 2018 ASD; SYP values per SPIB / NDS Supp. 4B; plates per ICC-ES ESR, 20 / 20HS / 18 ga (estimate).
Chord lumber max 16 ft; splices at panel points (purple squares): BC @ 11.6', BC @ 24.4' Pieces (ft): BC 11.6, BC 12.75, BC 11.6, TC 15.76, TC 12.75, TC 15.76
CSI colors: green <= 0.70, amber <= 0.90, orange <= 1.00, red > 1.00. C = compression, T = tension (lb). R = max gravity, U = uplift 0.6D+0.6W.
Horiz defl Δh 0.083" at roller bearing (est.) **OK - warning above 1/2"**

- PRELIMINARY NOTES**
1. PRELIMINARY DESIGN ONLY - NOT FOR BUILD. For pricing, layout coordination and RFI review. Final truss designs, plating and sealed truss design drawings are by the truss manufacturer's design engineer.
 2. Member sizes, grades, plates, reactions and uplift are preliminary and subject to change with RFI responses, final loads, final geometry and the manufacturer's design.
 3. Building designer / EOR is responsible for the overall building design, load path, bearing, girder support, posts and footings, and uplift connections to the structure below.
 4. Verify all dimensions, bearing locations and heel heights with the architectural and structural drawings before fabrication.
 5. BRACING: Trusses require temporary and permanent restraint/bracing. Handle, install, restrain and brace per BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses (SBCE/TPI) and the BCSI B-series summary sheets.
 6. Top chords: continuously sheathed or braced by purlins at 24" o.c. max unless noted. Piggyback base flat top chords: 2x4 purlins at 24" o.c.
 7. Bottom chords: braced by a rigid ceiling applied directly, or by restraint at 10'-0" o.c. max with diagonal bracing.
 8. Webs marked CLR require continuous lateral restraint (or T/L/scab reinforcement) per BCSI B3, anchored with diagonal bracing. Restraint locations are shown on the final truss design drawings.
 9. Permanent building stability bracing (wind and seismic) is the responsibility of the building designer / EOR.



ALL POINTS TECHNICAL INC.

SAMPLE PROJECT

TRUSS PROFILE H06
Scale: NTS

Rev P1 10/08/2026
Drawn: All Points Layout Technician

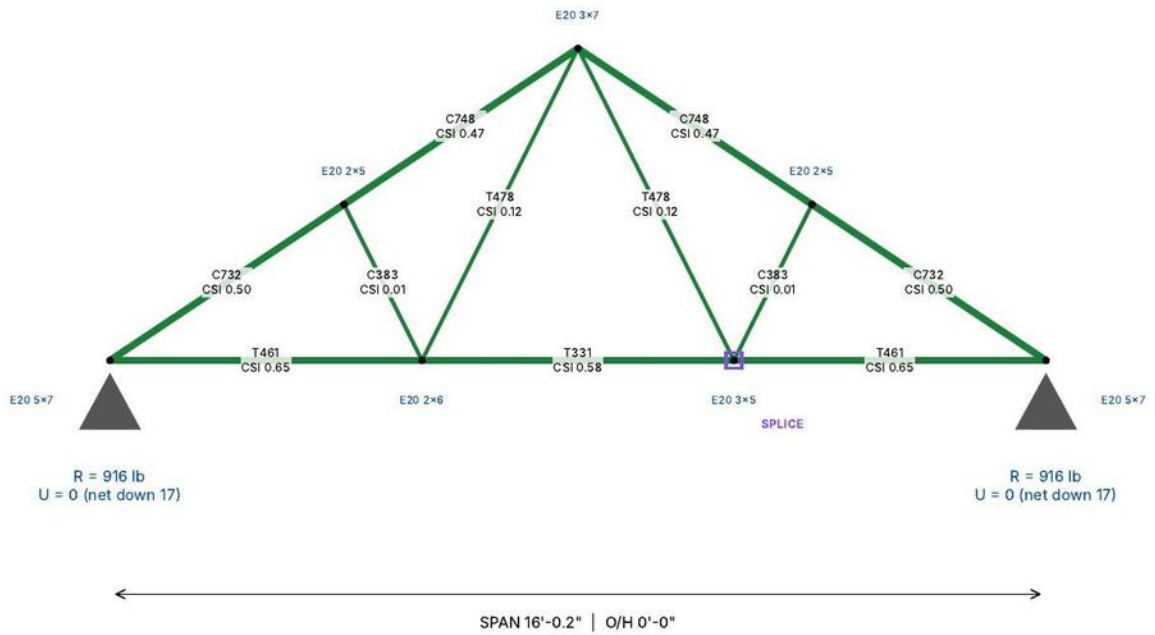
Powered by
APAS

SHEET
T-14

TRUSS V04 - FINK - 8.0/12 - 1-PLY

TC 2x4 SP No.2 BC 2x4 SP No.2 WEBS 2x4 SP No.2 @ 24" O.C.

BOARD FEET: 35.5 BF / truss



Loads (psf): TCLL 20.0 snow pf 40.0 (pg 40.0) TCDL 10.0 BCLL 0.0 BCDL 5.0
Wind uplift (net, TC plan): 15.4 psf overhang 0.0 psf
Load cases: D+S, 0.6D+0.6W, D+unbal L, D+unbal R, D + moving 300 lb TC / 200 lb BC pt loads
Max CSI 0.65 Live defl 0.039" (L/4950) Total 0.056" (L/3430) Bearing cap. 2,966 lb
Method: 2D frame, continuous chords / pinned webs; NDS 2018 ASD; SYP values per SPIB / NDS Supp. 4B; plates per ICC-ES ESR, 20 / 20HS / 18 ga (estimate).
Chord lumber max 16 ft; splices at panel points (purple squares): BC @ 10.7' Pieces (ft): BC 10.68, BC 5.34, TC 9.63, TC 9.63
CSI colors: green <= 0.70, amber <= 0.90, orange <= 1.00, red > 1.00. C = compression, T = tension (lb). R = max gravity, U = uplift 0.6D+0.6W.
Horiz defl Δh 0.011" at roller bearing (est.) **OK - warning above 1/2"**

PRELIMINARY NOTES

1. PRELIMINARY DESIGN ONLY - NOT FOR BUILD. For pricing, layout coordination and RFI review. Final truss designs, plating and sealed truss design drawings are by the truss manufacturer's design engineer.
2. Member sizes, grades, plates, reactions and uplift are preliminary and subject to change with RFI responses, final loads, final geometry and the manufacturer's design.
3. Building designer / EOR is responsible for the overall building design, load path, bearing, girder support, posts and footings, and uplift connections to the structure below.
4. Verify all dimensions, bearing locations and heel heights with the architectural and structural drawings before fabrication.
5. BRACING: Trusses require temporary and permanent restraint/bracing. Handle, install, restrain and brace per BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses (SBCA/TPI) and the BCSI B-series summary sheets.
6. Top chords: continuously sheathed or braced by purlins at 24" o.c. max unless noted. Piggyback base flat top chords: 2x4 purlins at 24" o.c.
7. Bottom chords: braced by a rigid ceiling applied directly, or by restraint at 10'-0" o.c. max with diagonal bracing.
8. Webs marked CLR require continuous lateral restraint (or T/L/scab reinforcement) per BCSI B3, anchored with diagonal bracing. Restraint locations are shown on the final truss design drawings.
9. Permanent building stability bracing (wind and seismic) is the responsibility of the building designer / EOR.



ALL POINTS TECHNICAL INC.

SAMPLE PROJECT

TRUSS PROFILE V04
Scale: NTS

Rev P1 10/08/2026
Drawn: All Points Layout Technician



SHEET
T-61