



EVOLUTION
G2 CONNECT
WOOD FRAMED STRUCTURE

2024

G2 DESIGN GUIDE

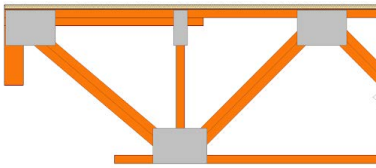
G2T™ COMMERCIAL TRUSS

PARAPET ROOF SYSTEM (PRS™)

THE STRONGEST AND MOST COST EFFECTIVE
COMMERCIAL WOOD TRUSS ON THE MARKET

G2T™ TRUSS SERIES

Strong and Efficient options to handle any loading conditions. Provide the G2 Spec Team your project parameters and G2 will optimize your truss profile with budget in mind

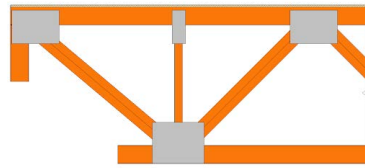


G2T-S

Most Cost Effective Truss Utilizing MSR Chords

G2T-42S™:
3.5"x1.5" Chords
Depths: 12" - 36"
Length: 8' - 42'
Spacing: 16", 24", 32"

G2T-44S™:
3.5"x3" Chords
Depths: 14" - 48"
Length: 20' - 52'
Spacing: 16", 24", 32", 48"

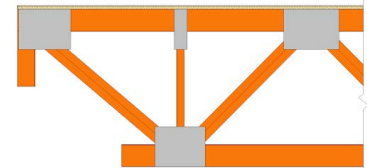


G2T-M

Most Versatile Truss Utilizing Glulam Chords

G2T-44M™:
3.5"x3" Monolithic Chords
Depths: 18" - 60"
Length: 20' - 72'
Spacing: 24", 32", 48", 96"

G2T-46M™:
3.5"x4.5" Monolithic Chords
Depths: 24" - 60"
Length: 20' - 72'
Spacing: 24", 32", 48", 96"



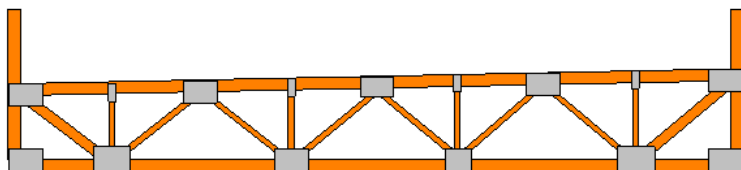
G2T-V

Strongest Truss Utilizing LVL Chords

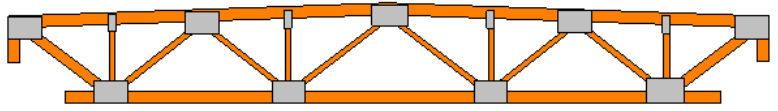
G2T-44V™:
3.5"x3.5" Monolithic Chords
Depths: 20" - 60"
Length: 20' - 72'
Spacing: 32", 48", 96"

G2T-45V™:
3.5"x4.375" Monolithic Chords
Depths: 24" - 60"
Length: 20' - 72'
Spacing: 32", 48", 96"

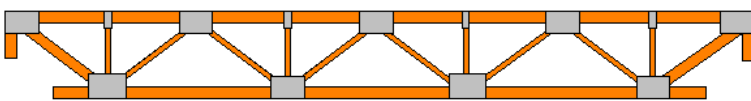
G2T™ PROFILES



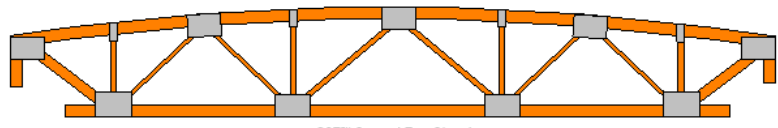
G2T™ with PAL™ (Parapet Anchor Leg)



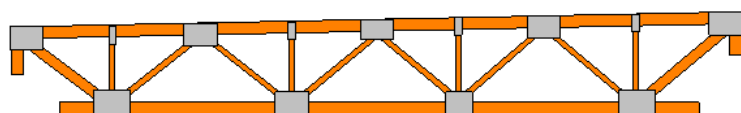
G2T™ Pitched (Double Tapered)



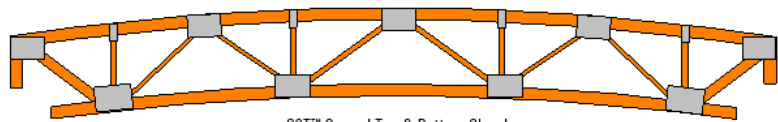
G2T™ Parallel Chord



G2T™ Curved Top Chord



G2T™ Tapered



G2T™ Curved Top & Bottom Chord

G2T™ ROOF AND FLOOR SYSTEMS

The G2T™ is the most versatile Commercial Wood Truss available and can be utilized in both Roof and Floor applications. The strength of a Roof or Floor System comes from the diaphragm. The 3.5" wide solid chords of the G2T™ allow for stronger diaphragm nailing in comparison to a 2x truss (1.5" Wide) or split chord pin truss

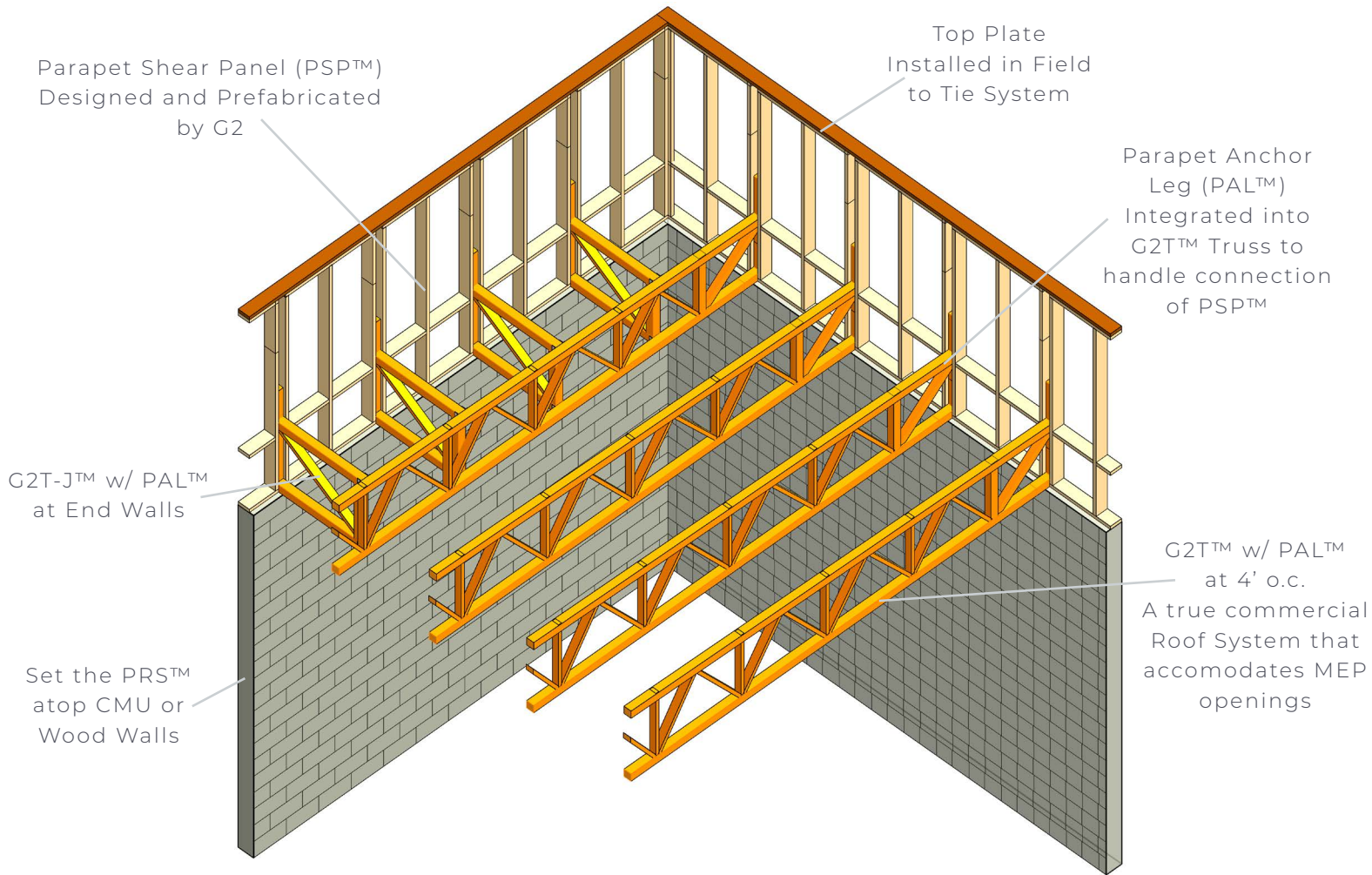


APPLICATIONS

- ◆ Retail Centers
- ◆ Pad Buildings
- ◆ Office Buildings
- ◆ MOB
- ◆ Mezzanine
- ◆ Warehouse
- ◆ Custom Home Floor
- ◆ Roof Clear Span 72'
- ◆ Floor Clear Span 40'

PARAPET ROOF SYSTEM (PRS™)

A complete Prefabricated Roof System for Commercial Pad Buildings. Set the PRS™ on top of platform framed wood or block walls for quick and easy installation.



Eliminates Parapet Kickers for significant Material and Labor Savings!

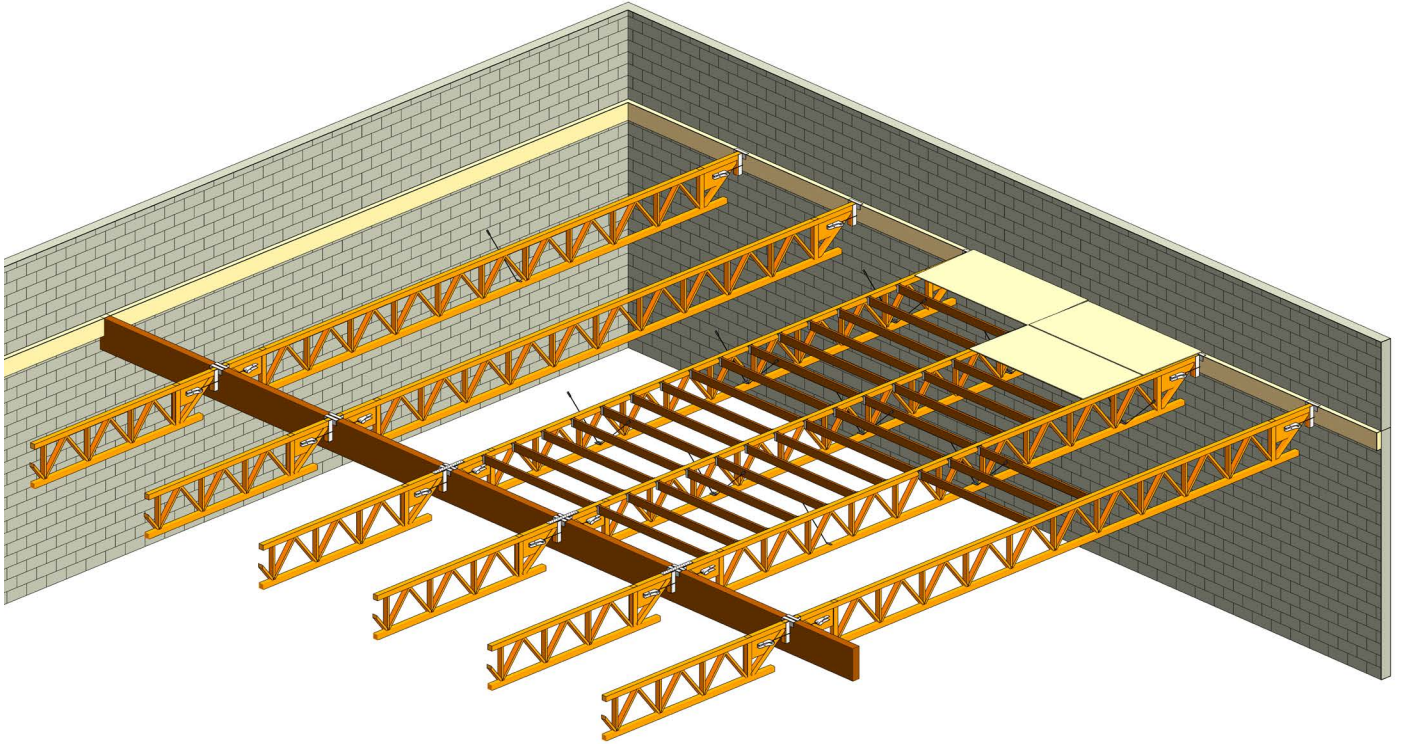


APPLICATIONS

- ◆ Flat Roof w/ Parapet
- ◆ Retail Pad Buildings
- ◆ Any Commercial Bldg w/ Parapet
- ◆ 1,000 SF - 40,000 SF
- ◆ Set atop CMU Wall
- ◆ Platform Framed Wood Walls
- ◆ 66' Clearspan

G2T™ PURLIN SYSTEM

The G2T™ Truss has been utilized in hundreds of Panelized Roofs across the Western United States. This is recommended for 8,000 to 50,000 SF buildings where space allows for the roof to be set in 8' panelized sections that are sheathed on the ground.



APPLICATIONS

- ◆ Retail Centers - Majors
- ◆ 8,000 SF - 50,000 SF
- ◆ Concrete Tilt-Up
- ◆ CMU Wall
- ◆ Wood Framed Walls
- ◆ 8,000 SF - 50,000 SF
- ◆ 48' Column Grid Max
- ◆ Axial Connections up to 12,000#

WHY SPECIFY THE G2T™ AND PRS™?

UTILIZE G2'S SPECIFICATION SUPPORT TO COORDINATE THE UPFRONT DESIGN AND SPECIFICATION FOR YOUR ROOF OR FLOOR SYSTEM

G2 PRIORITY SPEC PROGRAM

Priority Service for Engineers who specify G2 Products

1 Week Average Lead Time for Design Turnaround

V.E. Meeting available for New Projects

V.E. Meeting available for New Prototype Rollouts

**Limited Space available
Contact us now at
specsupport@g2connectup.com**

**"DEFERRED SUBMITTALS
ARE A SETUP FOR
FAILURE"
-GENERAL CONTRACTORS
ACROSS THE U.S.**

G2 SPECIFICATION SUPPORT

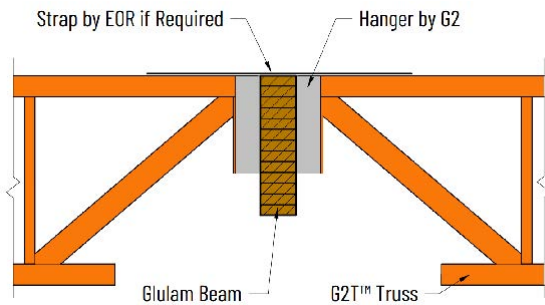
- ◆ Full Submittal Package provided Pro Bono
- ◆ Value Engineering by G2 - AOR/EOR provide preliminary drawings and depth limitations, G2 will optimize your truss system
- ◆ Coordinate truss design upfront, don't wait for a G.C. to receive a contract months or years down the road
- ◆ Avoid last minute reviews of truss designs when the clock is ticking
- ◆ Advanced coordination with mechanical requirements
- ◆ Transparent budget provided, protect the Owner's checkbook



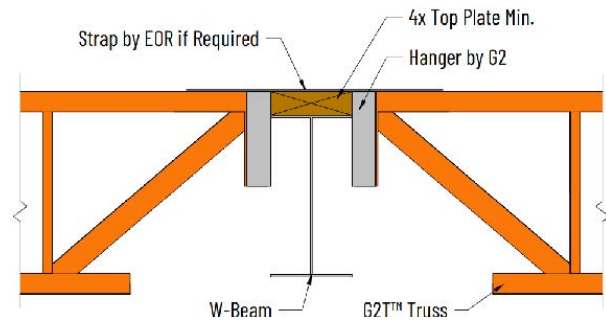
G2T™ DETAILS

All G2T Series utilize the same bearing detailing. No need to adjust detailing for various chord series. Choose your detailing and G2 will optimize the truss profile accordingly

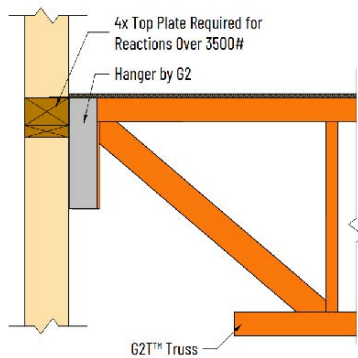
GLULAM



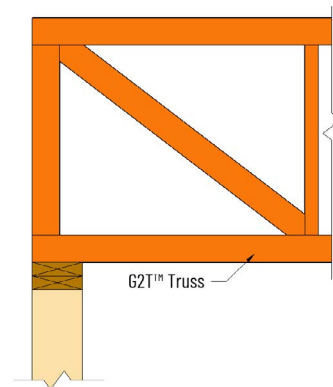
WF BEAM



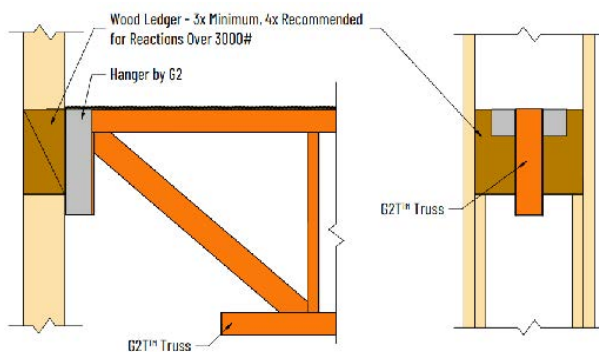
CONTINUOUS TOP PLATE



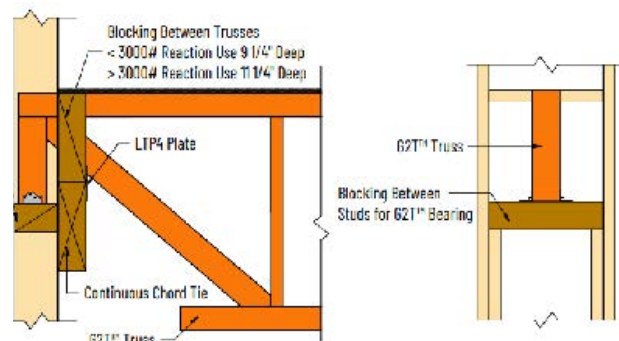
BOTTOM CHORD BEARING



BLOCK - BALLOON FRAMED WALL



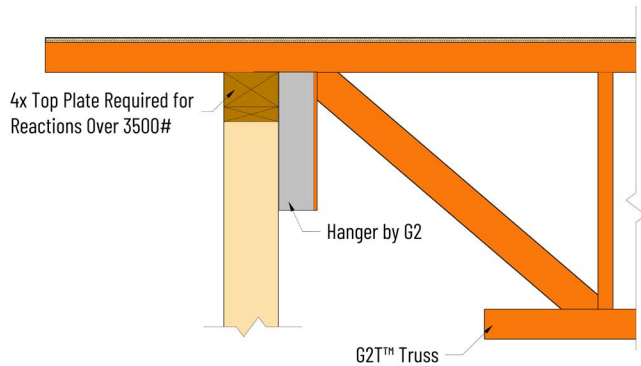
POCKET - BALLOON FRAMED WALL



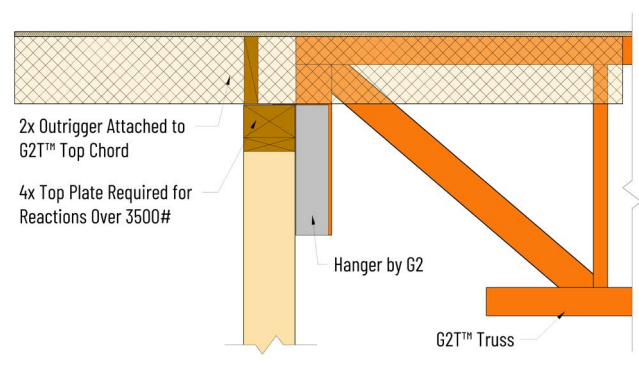
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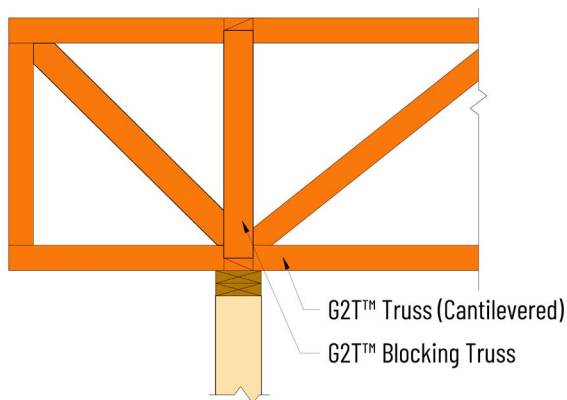
TOP CHORD EXTENSION



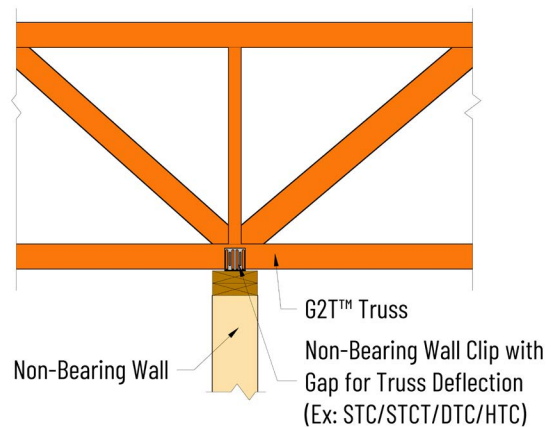
OUTRIGGER ATTACHMENT



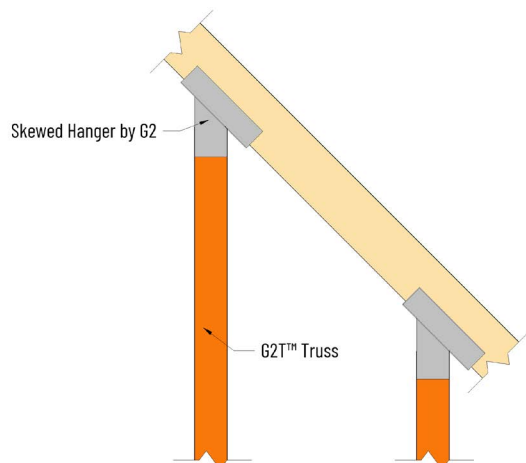
CANTILEVER



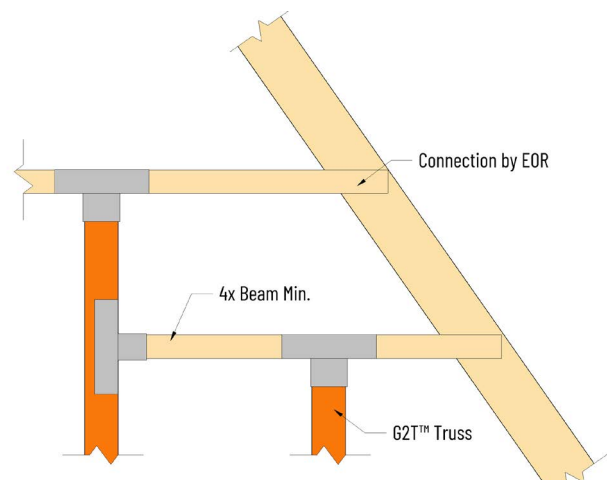
NON-BEARING WALLS



SKEW WALL ≤ 45°



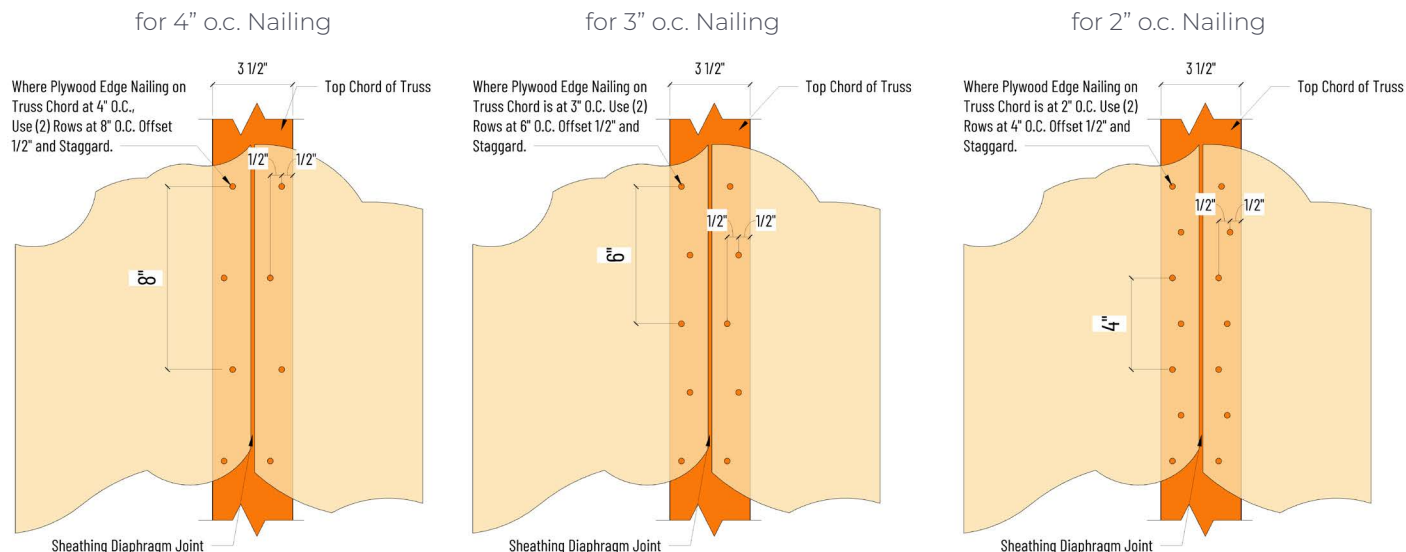
SKEW WALL > 45°



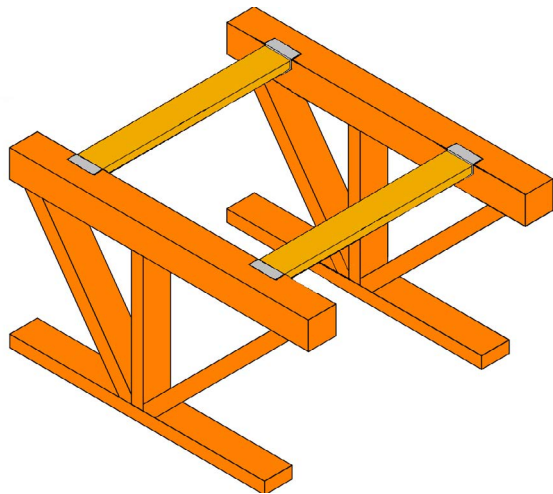
G2T™ DETAILS

All G2T Series utilize the same bearing detailing. No need to adjust detailing for various chord series. Choose your detailing and G2 will optimize the truss profile accordingly

ACCEPTABLE PLYWOOD NAILING PATTERN



PLYWOOD EDGE BLOCKS

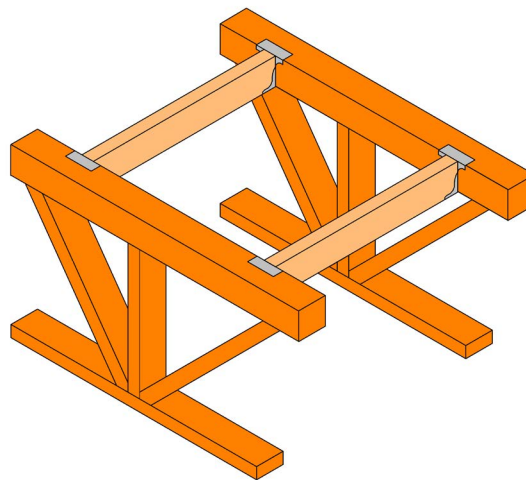


Utilize when a blocked plywood diaphragm is required. Recommended to always utilize in High Seismic Zones. EOR to provide locations of blocked diaphragm. G2 will provide as part of truss package.

AVAILABLE SIZES:

- 2x4 Flat w/ Z-Clip attached
- 3x4 Flat w/ Z-Clip attached

ROOF STIFFENERS



Utilize when plywood needs additional support between truss layout. Specifically for High Snow Load or Snow Drift Areas and Overspanned Bays. G2 will provide as part of truss package.

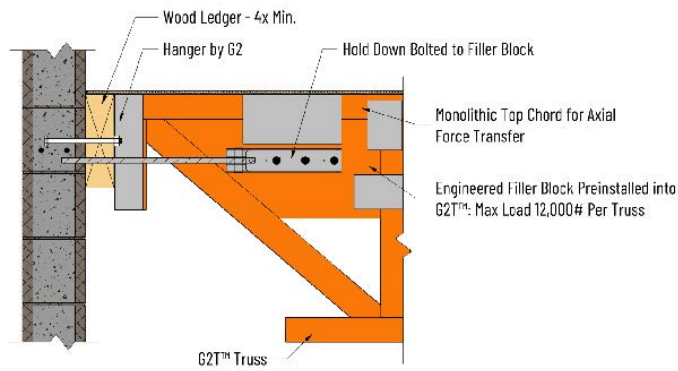
AVAILABLE SIZES:

- 2x4 w/ Panel Hanger attached
- 2x6 w/ Panel Hanger attached

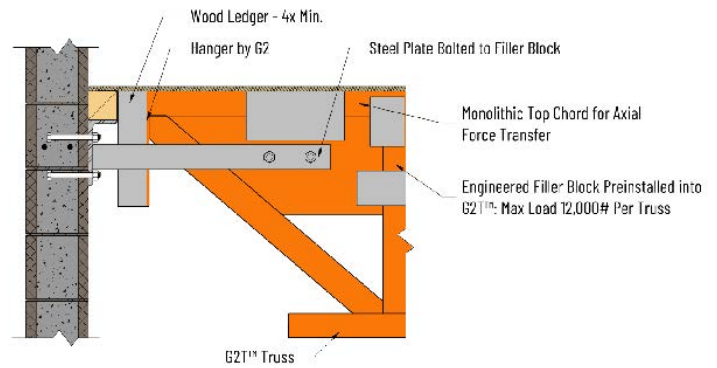
G2T™ DETAILS - HIGH AXIAL LOADS

The G2T™ is the ultimate Wood Truss to accommodate high Axial Loads. G2 uses a 3.5" Wide Monolithic Chord in these conditions to transfer axial force and accommodate high load diaphragms. The 8' o.c. G2T™ Purlin is prolific in Panelized Roofs in the Southwest U.S.

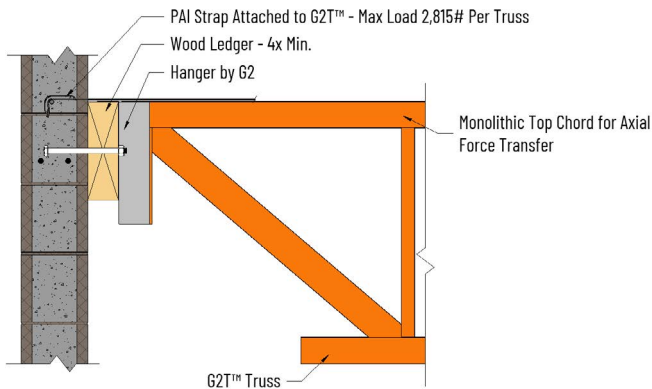
TILT-UP/CMU - WOOD LEDGER



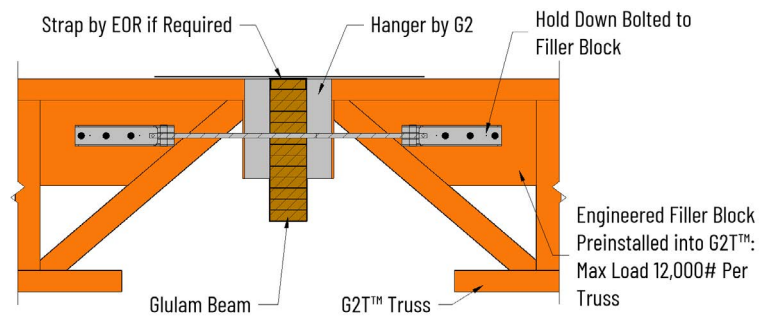
TILT-UP/CMU - STEEL LEDGER



TILT-UP/CMU - LOW AXIAL LOAD



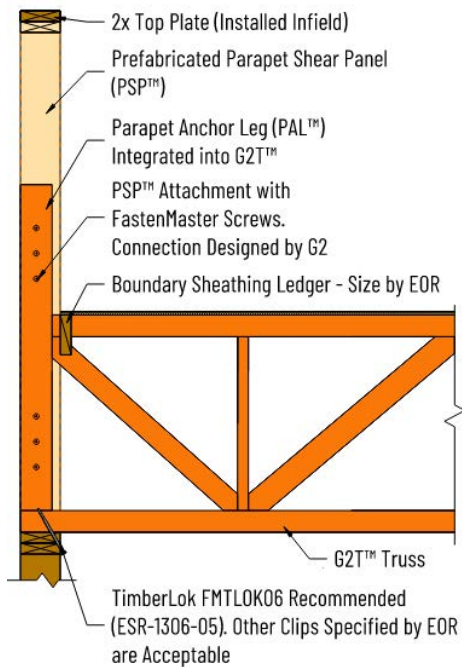
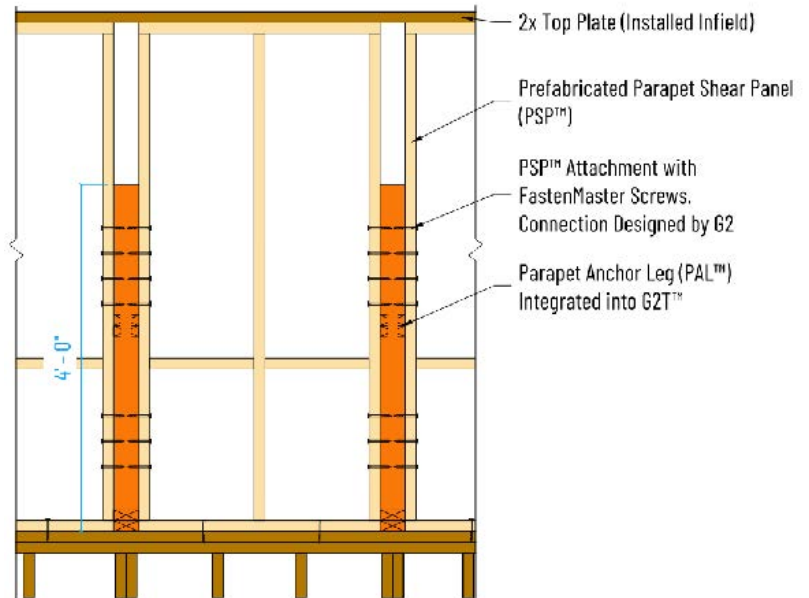
GLULAM W/ AXIAL ROD



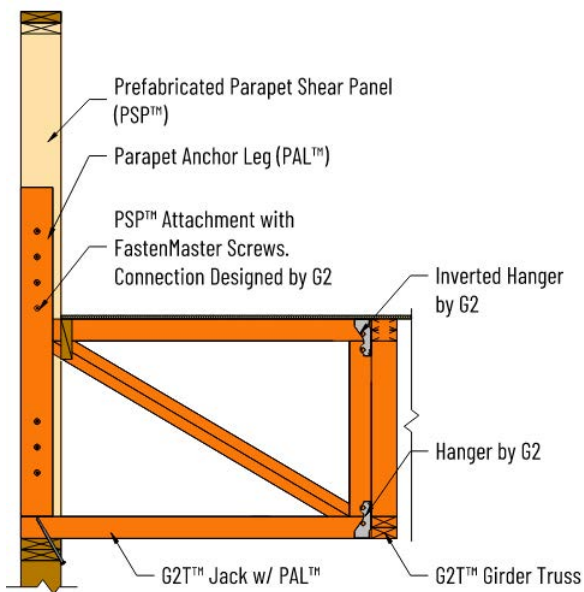
PRST™ DETAILS

G2's Parapet Roof System (PRST™) was developed with one major goal in mind: Simplify framing conditions for Commercial Buildings with Parapets resulting in Material and Labor Savings. Eliminating the Parapet Kickers has significant savings not always recognized in a "Truss Bid".

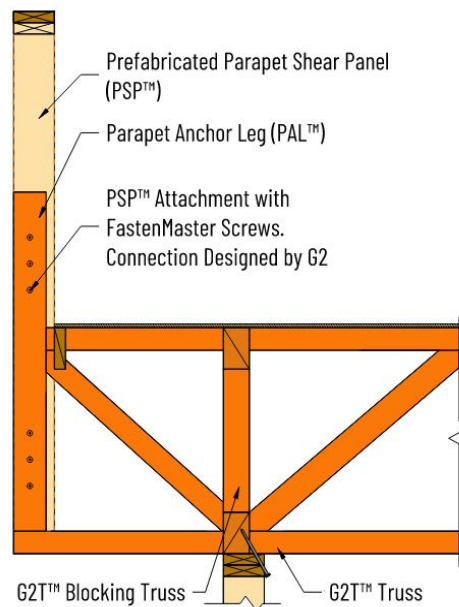
STANDARD PRST™



END WALL



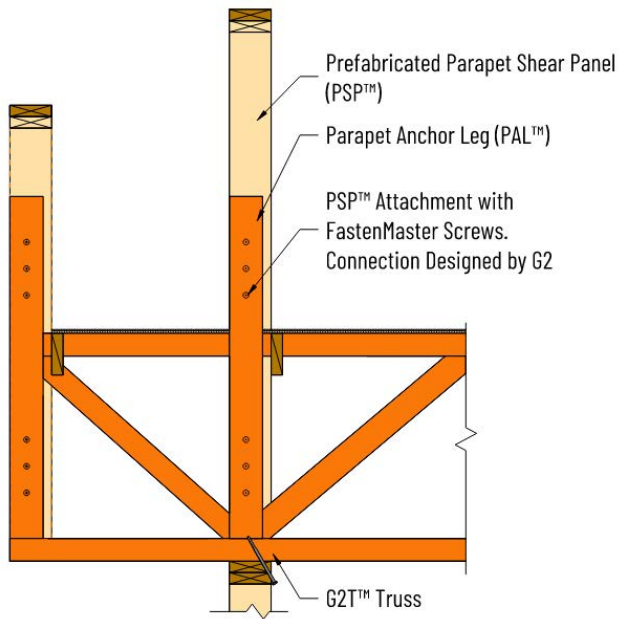
CANTILEVER



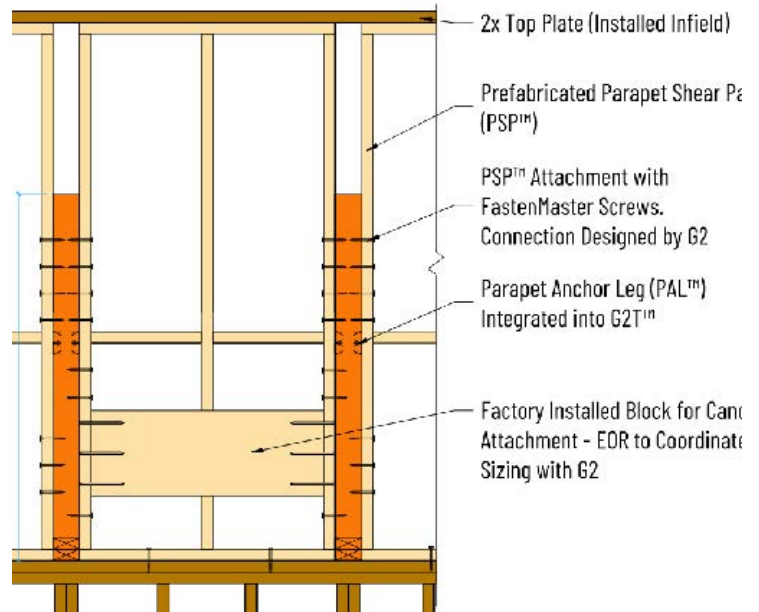
PRSTM DETAILS

G2's Parapet Roof System (PRSTM) is versatile and can accommodate many different framing conditions. Contact your G2 Rep for recommendation on how to integrate different framing conditions into the PRSTM.

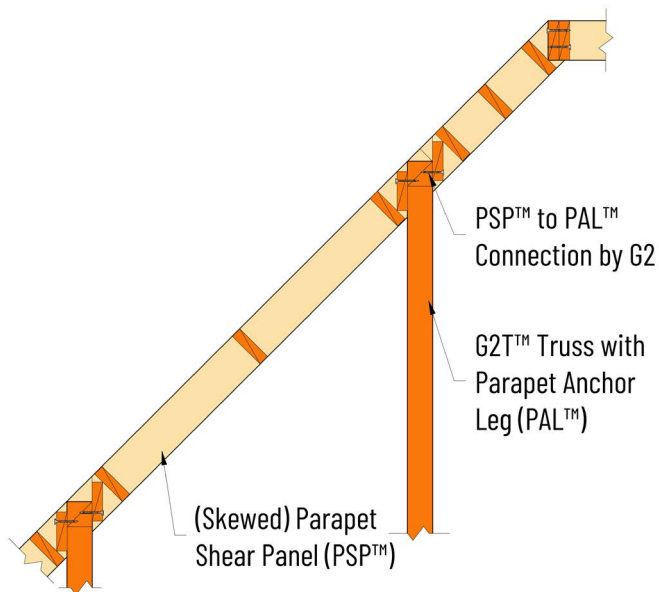
CANTILEVER - DOUBLE PSP™



CANOPY ATTACHMENT



SKEW WALL



G2T™ ROOF SPAN CHART: 44S CHORDS

For use on G2T™ Roof Projects. Recommended Spacing: 24", 32", 48"

		Truss Depth																	
			16"	18"	20"	22"	24"	26"	28"	30"	32"	34"	36"	38"	40"	42"	44"	46"	48"
Truss Span	20'	115% TL	355	368	384	400	400	400	400	400	400	400	400	400	400	400	400	400	400
		125% TL	386	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	22'	115% TL	272	331	368	384	400	400	400	400	400	400	400	400	400	400	400	400	400
		125% TL	296	360	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	24'	115% TL	208	258	331	368	384	400	400	400	400	400	400	400	400	400	400	400	400
		125% TL	226	280	360	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	26'	115% TL	147	184	258	294	331	368	384	400	400	400	400	400	400	400	400	400	400
		125% TL	160	200	280	320	360	400	400	400	400	400	400	400	400	400	400	400	400
	28'	115% TL	110	147	221	258	294	331	364	368	384	400	400	400	400	400	400	400	400
		125% TL	120	160	240	280	320	360	396	400	400	400	400	400	400	400	400	400	400
	30'	115% TL	95	129	178	221	254	282	306	331	337	340	355	370	370	370	370	370	370
		125% TL	103	140	193	240	276	306	333	360	366	370	370	370	370	370	370	370	370
	32'	115% TL	74	107	144	184	221	248	272	294	309	338	346	346	346	346	346	346	346
		125% TL	80	116	156	200	240	270	296	320	336	346	346	346	346	346	346	346	346
	34'	115% TL		86	120	153	184	221	254	258	279	300	318	326	326	326	326	326	326
		125% TL		93	130	166	200	240	276	280	303	326	326	326	326	326	326	326	326
	36'	115% TL			95	125	156	190	221	233	248	263	282	300	306	306	306	306	306
		125% TL			103	136	170	206	240	253	270	286	306	306	306	306	306	306	306
	38'	115% TL			79	104	129	159	193	209	217	233	248	263	267	284	290	290	290
		125% TL			86	113	140	173	210	227	236	253	270	286	290	290	290	290	290
	40'	115% TL				86	110	134	162	190	196	212	224	236	251	266	273	273	273
		125% TL				93	120	146	176	206	213	230	243	256	273	273	273	273	273
	42'	115% TL				74	95	116	141	166	180	196	208	224	236	242	256	263	263
		125% TL				80	103	126	153	180	196	213	226	243	256	263	263	263	263
	44'	115% TL					79	98	120	141	162	175	190	190	199	208	221	230	245
		125% TL					86	106	130	153	176	190	206	206	216	226	240	250	250
	46'	115% TL						86	104	122	147	159	168	180	193	202	208	214	221
		125% TL						93	113	133	160	173	183	196	210	220	226	233	240
	48'	115% TL						74	88	107	125	141	153	162	168	171	180	190	202
		125% TL						80	96	116	136	153	166	176	183	186	196	206	220
	50'	115% TL							79	95	110	129	132	138	147	156	166	171	180
		125% TL							86	103	120	140	143	150	160	170	180	186	196
	52'	115% TL								83	98	113	126	136	141	150	156	166	175
		125% TL								90	106	123	137	148	153	163	170	180	190
	54'	115% TL								74	86	101	116	122	132	141	144	150	156
		125% TL								80	93	110	126	133	143	153	156	163	170
	56'	115% TL									76	88	101	116	122	132	134	141	147
		125% TL									83	96	110	126	133	143	146	153	160
	58'	115% TL										79	92	104	116	120	129	134	141
		125% TL										86	100	113	126	130	140	146	153
	60'	115% TL											83	95	107	113	120	125	132
		125% TL											90	103	116	123	130	136	143
	62'	115% TL												83	92	104	110	116	122
		125% TL												90	100	113	120	126	133
	64'	115% TL													79	92	101	107	110
		125% TL													86	100	110	116	120
	66'	115% TL														79	88	98	104
		125% TL														86	96	106	113

LOAD CHART CRITERIA:

- ◆ 44S Chords for all Spans
- ◆ The PLF loads above are for an optimized G2T™ Truss: More Depth = A More Cost Effective Truss.
Maximum load is approximately 10% higher. If Depth is a limiting factor, contact your G2 Rep for project specific calculations
- ◆ Use 115% TL for Areas with Snow Load; use 125% TL for Areas without Snow Load
- ◆ Criteria above includes 500# Point Load anywhere along the Top Chord
- ◆ Deflection limited to L/240 Total Load and L/360 Live Load

PRST™ SPAN CHART: 44S CHORDS & 44M CHORDS

For use on 4' o.c. Parapet Roof System Projects

Truss Depth at Low End (Tapered Truss at 0.25"/12 Slope)																		
		16"	18"	20"	22"	24"	26"	28"	30"	32"	34"	36"	38"	40"	42"	44"	46"	48"
20'	115% TL	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	125% TL	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
22'	115% TL	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	125% TL	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
24'	115% TL	368	384	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	125% TL	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
26'	115% TL	294	306	350	368	384	400	400	400	400	400	400	400	400	400	400	400	400
	125% TL	320	333	380	400	400	400	400	400	400	400	400	400	400	400	400	400	400
28'	115% TL	221	270	310	344	368	384	400	400	400	400	400	400	400	400	400	400	400
	125% TL	240	294	337	374	400	400	400	400	400	400	400	400	400	400	400	400	400
30'	115% TL	184	226	273	304	331	362	368	384	400	400	400	400	400	400	400	400	400
	125% TL	200	246	297	330	360	394	400	400	400	400	400	400	400	400	400	400	400
32'	115% TL	147	190	236	267	294	322	347	368	384	400	400	400	400	400	400	400	400
	125% TL	160	206	257	290	320	350	377	400	400	400	400	400	400	400	400	400	400
34'	115% TL	110	159	200	239	264	289	313	335	356	368	384	400	400	400	400	400	400
	125% TL	120	173	217	260	287	314	340	364	387	400	400	400	400	400	400	400	400
36'	115% TL	107	135	168	208	230	252	273	294	316	310	328	347	365	368	384	400	400
	125% TL	116	147	183	226	250	274	297	320	344	337	357	377	397	400	400	400	400
38'	115% TL		116	144	175	197	230	248	270	272	289	306	322	328	344	359	368	384
	125% TL		126	157	190	214	250	270	294	296	314	333	350	357	374	390	400	400
40'	115% TL			126	154	175	209	227	242	260	261	276	292	306	322	338	352	365
	125% TL			137	167	190	227	247	263	283	284	300	317	333	350	367	383	397
42'	115% TL			107	126	156	188	205	218	224	239	255	267	246	255	264	264	285
	125% TL			116	137	170	204	223	237	244	260	277	290	267	277	287	287	310
44'	115% TL				117	138	154	187	196	209	221	233	224	236	246	258	269	282
	125% TL				127	150	167	203	213	227	240	253	243	257	267	280	292	306
46'	115% TL					123	142	166	175	193	199	202	212	224	236	246	258	267
	125% TL					134	154	180	190	210	216	220	230	243	257	267	280	290
48'	115% TL						129	150	166	178	190	188	199	212	218	230	242	251
	125% TL						140	163	180	193	206	204	216	230	237	250	263	273
50'	115% TL						114	132	150	163	175	184	184	193	202	212	221	
	125% TL						124	143	163	177	190	200	200	210	220	230	240	
52'	115% TL								165	175	186	195	205	216	225	318	331	
	125% TL								179	190	202	212	223	235	245	346	360	
54'	115% TL									165	175	186	195	205	216	220	231	
	125% TL									179	190	202	212	223	235	239	251	
56'	115% TL										162	171	180	190	201	205	214	
	125% TL										176	186	196	207	218	223	233	
58'	115% TL											159	165	175	180	190		
	125% TL											173	179	190	196	207		
60'	115% TL												159	165	175	180		
	125% TL												173	179	190	196		
62'	115% TL														165	169		
	125% TL														179	184		
64'	115% TL															110		
	125% TL															120		
66'	115% TL															103		
	125% TL															112		

LOAD CHART CRITERIA:

- ◆ 44S Chords for Spans < 50'. 44M Chord for spans > 50'.
- ◆ The PLF loads above are for an optimized G2T™ Truss: More Depth = A More Cost Effective Truss.
Maximum load is approximately 10% higher. If Depth is a limiting factor, contact your G2 Rep for project specific calculations
- ◆ Use 115% TL for Areas with Snow Load; use 125% TL for Areas without Snow Load
- ◆ Criteria above includes 500# Point Load anywhere along the Top Chord
- ◆ Deflection limited to L/240 Total Load and L/360 Live Load

PRST™ SPAN CHART: 44V CHORDS

For use on 4' o.c. Parapet Roof System Projects

Truss Depth at Low End (Tapered Truss at 0.25"/12 Slope)																			
			16"	18"	20"	22"	24"	26"	28"	30"	32"	34"	36"	38"	40"	42"	44"	46"	48"
		115% TL	125% TL	115% TL	125% TL	115% TL	125% TL	115% TL	125% TL	115% TL	125% TL	115% TL	125% TL	115% TL	125% TL	115% TL	125% TL	115% TL	125% TL
Truss Span	20'	115% TL	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
		125% TL	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	22'	115% TL	384	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
		125% TL	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	24'	115% TL	368	384	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
		125% TL	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	26'	115% TL	294	368	384	400	400	400	400	400	400	400	400	400	400	400	400	400	400
		125% TL	320	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	28'	115% TL	239	310	368	384	400	400	400	400	400	400	400	400	400	400	400	400	400
		125% TL	260	337	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	30'	115% TL	197	255	316	368	384	400	400	400	400	400	400	400	400	400	400	400	400
		125% TL	214	277	344	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	32'	115% TL	166	215	264	322	368	384	400	400	400	400	400	400	400	400	400	400	400
		125% TL	180	234	287	350	400	400	400	400	400	400	400	400	400	400	400	400	400
	34'	115% TL	142	181	227	273	326	365	368	384	400	400	400	400	400	400	400	400	400
		125% TL	154	197	247	297	354	397	400	400	400	400	400	400	400	400	400	400	400
	36'	115% TL	118	154	190	234	273	322	353	368	384	400	400	400	400	400	400	400	400
		125% TL	128	167	207	254	297	350	384	400	400	400	400	400	400	400	400	400	400
	38'	115% TL		132	166	202	239	280	322	350	368	384	400	400	400	400	400	400	400
		125% TL		144	180	220	260	304	350	380	400	400	400	400	400	400	400	400	400
	40'	115% TL		114	144	175	209	246	282	316	338	359	368	384	400	400	400	400	400
		125% TL		124	156	190	227	267	307	344	367	390	400	400	400	400	400	400	400
	42'	115% TL			123	151	178	212	246	279	304	326	344	364	368	384	400	400	400
		125% TL			134	164	194	230	267	303	330	354	374	396	400	400	400	400	400
	44'	115% TL			110	132	159	187	217	248	279	298	316	335	353	368	384	400	400
		125% TL			120	144	173	203	236	270	303	324	344	364	384	400	400	400	400
	46'	115% TL				120	144	166	193	221	252	276	292	310	326	344	359	368	384
		125% TL				130	156	180	210	240	274	300	317	337	354	374	390	400	400
	48'	115% TL					126	147	172	197	221	248	263	280	294	310	326	340	356
		125% TL					137	160	187	214	240	270	286	304	320	337	354	370	387
	50'	115% TL					114	132	154	175	200	224	246	261	276	292	304	319	
		125% TL					124	144	167	190	217	244	267	284	300	317	330	347	
52'	115% TL						117	138	156	178	200	221	239	252	267	276	289		
	125% TL						127	150	170	194	217	240	260	274	290	300	314		
54'	115% TL							122	141	159	181	200	221	242	252	264	276		
	125% TL							133	153	173	197	217	240	263	274	287	300		
56'	115% TL							113	129	144	163	181	200	221	236	246	258		
	125% TL							123	140	157	177	197	217	240	257	267	280		
58'	115% TL								113	129	147	166	181	200	215	227			
	125% TL								123	140	160	180	197	217	234	247			
60'	115% TL									120	138	151	166	184	202	215			
	125% TL									130	150	164	180	200	220	234			
62'	115% TL										117	135	147	163	178	193			
	125% TL										127	147	160	177	194	210			
64'	115% TL											117	129	144	156	172			
	125% TL											127	140	157	170	187			
66'	115% TL												114	126	138				
	125% TL												124	137	150				

LOAD CHART CRITERIA:

- ◆ 44V Chords for all Spans
- ◆ The PLF loads above are for an optimized G2T™ Truss: More Depth = A More Cost Effective Truss.
Maximum load is approximately 10% higher. If Depth is a limiting factor, contact your G2 Rep for project specific calculations
- ◆ Use 115% TL for Areas with Snow Load; use 125% TL for Areas without Snow Load
- ◆ Criteria above includes 500# Point Load anywhere along the Top Chord
- ◆ Deflection limited to L/240 Total Load and L/360 Live Load

G2T-V™ PURLIN SPAN CHART

For use on 8' o.c. G2T™ Purlin Project

		Truss Depth																	
			16"	18"	20"	22"	24"	26"	28"	30"	32"	34"	36"	38"	40"	42"	44"	46"	48"
Truss Span	20'	115% TL	246	313	442	442	442	442	442	442	442	442	442	442	442	442	442	442	442
		125% TL	267	340	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480
	22'	115% TL	224	276	374	442	442	442	442	442	442	442	442	442	442	442	442	442	442
		125% TL	244	300	407	480	480	480	480	480	480	480	480	480	480	480	480	480	480
	24'	115% TL	154	234	310	362	408	442	442	442	442	442	442	442	442	442	442	442	442
		125% TL	167	254	337	394	444	480	480	480	480	480	480	480	480	480	480	480	480
	26'	115% TL		202	248	285	326	365	405	420	436	442	442	442	442	442	442	442	442
		125% TL		220	270	310	354	397	440	457	474	480	480	480	480	480	480	480	480
	28'	115% TL		156	212	236	267	298	328	350	362	372	384	390	402	408	414	423	430
		125% TL		170	230	257	290	324	357	380	394	404	417	424	437	444	450	460	467
	30'	115% TL			160	206	236	264	289	316	340	352	362	372	381	386	396	405	411
		125% TL			174	224	257	287	314	344	370	383	394	404	414	420	430	440	447
	32'	115% TL				175	212	236	261	285	310	331	344	353	359	368	377	386	393
		125% TL				190	230	257	284	310	337	360	374	384	390	400	410	420	427
	34'	115% TL					184	212	236	258	279	301	319	328	338	347	356	362	368
		125% TL					200	230	257	280	303	327	347	357	367	377	387	394	400
	36'	115% TL					151	181	202	224	246	267	288	310	328	335	344	353	359
		125% TL					164	197	220	244	267	290	313	337	357	364	374	384	390
	38'	115% TL						154	175	197	215	234	252	270	289	307	326	338	344
		125% TL						167	190	214	234	254	274	294	314	334	354	367	374
	40'	115% TL							154	169	184	200	218	230	246	261	276	292	307
		125% TL							167	184	200	217	237	250	267	284	300	317	334
	42'	115% TL								154	169	184	200	212	227	243	255	270	282
		125% TL								167	184	200	217	230	247	264	277	294	307
	44'	115% TL									154	169	181	197	209	221	234	248	261
		125% TL									167	184	197	214	227	240	254	270	284
	46'	115% TL										156	169	181	193	206	218	230	243
		125% TL										170	184	197	210	224	237	250	264
	48'	115% TL											151	163	172	184	197	209	221
		125% TL											164	177	187	200	214	227	240
	50'	115% TL													154	166	175	184	193
		125% TL													167	180	190	200	210
	52'	115% TL														154	163	172	181
		125% TL														167	177	187	197
	54'	115% TL															151	160	169
		125% TL															164	174	184

LOAD CHART CRITERIA:

- ◆ The PLF loads above are for an optimized G2T™ Truss: More Depth = A More Cost Effective Truss.
Maximum load is approximately 10% higher. If Depth is a limiting factor, contact your G2 Rep for project specific calculations
- ◆ Use 115% TL for Areas with Snow Load; use 125% TL for Areas without Snow Load
- ◆ Criteria above includes 1000# Point Load anywhere along the Top Chord
- ◆ Deflection limited to L/240 Total Load and L/360 Live Load