

Use the SBP instead of extra truss plys or nail-on scabs to distribute concentrated truss reactions and avoid top plate crushing. The two-piece design accommodates any number of girder plys. A wraparound design gives superior uplift resistance, and reinforcement ribs effectively distribute bearing loads. Works with both single and double 2x4 or 2x6 top plates.

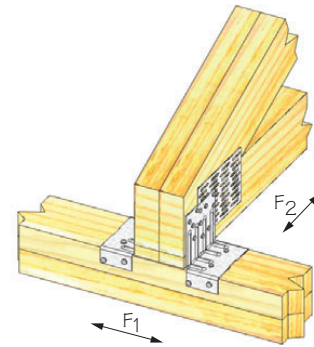
Materials: 16 gauge

Finish: G90 galvanizing

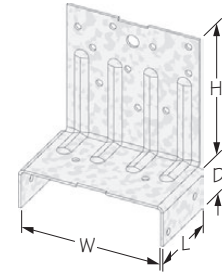
Codes: ESR-1831, FL822, L.A. City RR 25836

Installation:

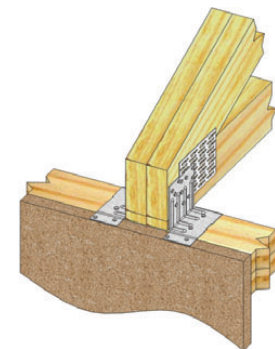
- Use all specified fasteners. See Product Notes, page 11.
- **The SBP shall be installed in pairs.**



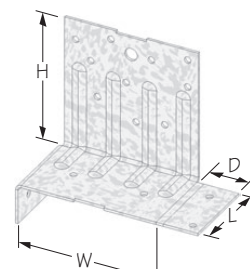
Typical **SBP** standard installation



SBP



Typical **SBP** alternate installation



SBP tab up

No. of Truss Plys	Wood Species	F _c (psi)	Allowable Loads (Lbs.) ^{1,2,3}									
			SBP's Alone			SBP + Truss Bearing ⁴						
			100%	115%	125%	100%	EBL	115%	EBL	125%	EBL	
SBP4 on 2 x 4 Top Plate (3-1/2" wide)												
1 Ply	DF-L	625	2260	2600	2825	5540	5.91	5880	6.27	6105	6.51	
	SP	565	2440	2805	3050	5405	6.38	5770	6.81	6015	7.10	
	S-P-F	425	1940	2230	2425	4170	6.54	4460	7.00	4655	7.30	
	Hem Fir	405	1980	2275	2475	4105	6.76	4400	7.24	4600	7.57	
2 Ply	DF-L	625	2320	2670	2900	8885	4.74	9235	4.93	9465	5.05	
	SP	565	2500	2875	3075	8435	4.98	8810	5.20	9010	5.32	
	S-P-F	425	2000	2300	2500	6465	5.07	6765	5.31	6965	5.46	
	Hem Fir	405	2040	2345	2550	6295	5.18	6600	5.43	6805	5.60	
3 Ply	DF-L	625	2320	2670	2900	12165	4.33	12515	4.45	12745	4.53	
	SP	565	2500	2875	3075	11400	4.48	11775	4.63	11975	4.71	
	S-P-F	425	2000	2300	2500	8695	4.55	8995	4.70	9195	4.81	
	Hem Fir	405	2040	2345	2550	8420	4.62	8725	4.79	8930	4.90	
4 Ply	DF-L	625	2320	2670	2900	15445	4.12	15795	4.21	16025	4.27	
	SP	565	2500	2875	3075	14365	4.24	14740	4.35	14940	4.41	
	S-P-F	425	2000	2300	2500	10925	4.28	11225	4.40	11425	4.48	
	Hem Fir	405	2040	2345	2550	10545	4.34	10850	4.47	11055	4.55	
SBP6 on 2 x 6 Top Plate (5-1/2" wide)												
1 Ply	DF-L	625	3165	3640	3955	8320	8.87	8795	9.38	9110	9.72	
	SP	565	3415	3930	4270	8075	9.53	8590	10.14	8930	10.54	
	S-P-F	425	2715	3125	3395	6220	9.76	6630	10.40	6900	10.82	
	Hem Fir	405	2770	3190	3465	6110	10.06	6530	10.75	6805	11.20	
2 Ply	DF-L	625	3250	3735	4060	13565	7.23	14050	7.49	14375	7.67	
	SP	565	3500	4025	4375	12825	7.57	13350	7.88	13700	8.08	
	S-P-F	425	2800	3220	3500	9815	7.70	10235	8.03	10515	8.25	
	Hem Fir	405	2855	3285	3570	9540	7.85	9970	8.21	10255	8.44	
3 Ply	DF-L	625	3250	3735	4060	18720	6.66	19205	6.83	19530	6.94	
	SP	565	3500	4025	4375	17485	6.88	18010	7.08	18360	7.22	
	S-P-F	425	2800	3220	3500	13320	6.96	13740	7.18	14020	7.33	
	Hem Fir	405	2855	3285	3570	12880	7.07	13310	7.30	13595	7.46	
4 Ply	DF-L	625	3250	3735	4060	23875	6.37	24360	6.50	24685	6.58	
	SP	565	3500	4025	4375	22145	6.53	22670	6.69	23020	6.79	
	S-P-F	425	2800	3220	3500	16825	6.60	17245	6.76	17525	6.87	
	Hem Fir	405	2855	3285	3570	16220	6.67	16650	6.85	16935	6.97	

1) Allowable loads are for a pair of SBP devices. SBP's shall be installed in pairs.

2) Multiple ply trusses shall be fastened together to act as a single unit.

3) EBL denotes effective bearing length and includes the actual bearing length plus the contribution of the SBP device.

4) Assumes full seating of truss on top plate.

USP Stock No.	Ref. No.	Steel Gauge	Dimensions				Joist Thickness	Fastener Schedule ^{1,4}						Allowable Loads (Lbs.) ^{2,3}						Code Ref.
			W	H	L	D		Plate				Truss		DF-L / SP			S-P-F			
								Top		Sides		Qty	Type	F1	F2	Uplift ⁵	F1	F2	Uplift ⁵	
								Qty	Type	Qty	Type									
SBP4	TBE4	16	3-1/2	3-1/4	2	1	2-7/8" or less 3" or more	4	10d	8	10d	20 20	10dx1-1/2 10d	1390 1390	1630 1630	1295 1295	1170 1170	1370 1370	1085 1085	10, F16, R14
SBP6	TBE6	16	5-1/2	3-1/4	2	1	2-7/8" or less 3" or more	4	10d	8	10d	28 28	10dx1-1/2 10d	1390 1390	1630 1630	1295 1295	1170 1170	1370 1370	1085 1085	

1) Fastener Schedule is for a pair of SBP devices.

2) Allowable loads are for a pair of SBP devices. SBP's shall be installed in pairs.

3) Multiple ply trusses shall be fastened together to act as a single unit.

4) 10d x 1-1/2 nails are 9 gauge (0.148" diameter) x 1-1/2" long.

5) Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.