BAILEY®
METAL PRODUCTS LIMITED

THE STRENGTH WITHIN

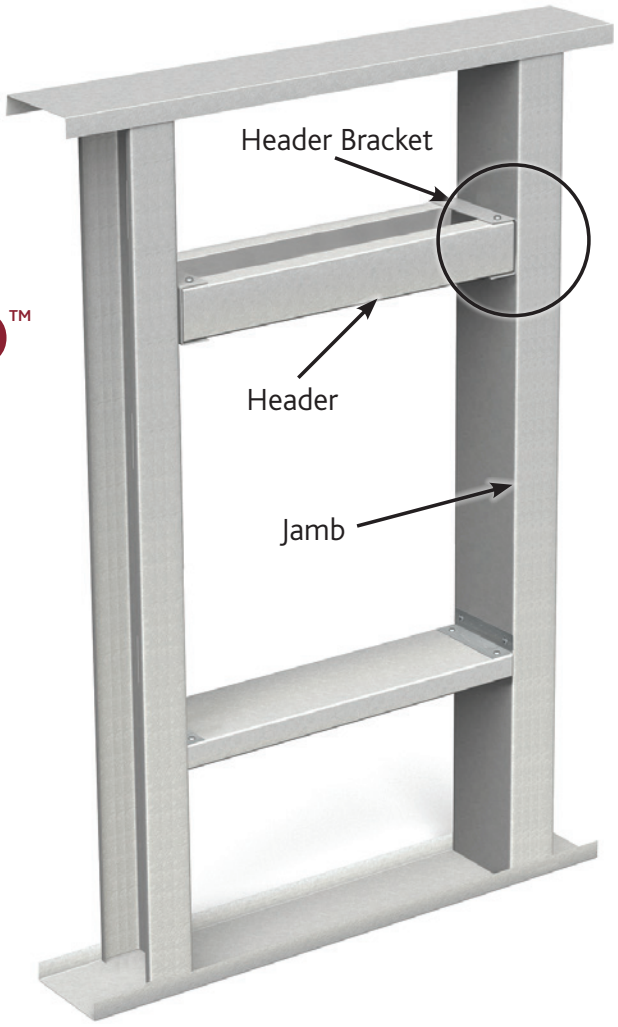
REDHEADER PRO™

WINDOW AND DOOR OPENING SYSTEM

MONTREAL • TORONTO • CALGARY • EDMONTON • VANCOUVER

This catalogue provides technical and structural information for the Bailey RedHeader Pro™ window and door opening system. All calculations, whenever applicable, were based on CSA Standard S136, NBCC and ASTM standards. Design span tables are also presented, as well as various construction applications to assist the designer in detailing common interior and/or exterior structural assemblies. Additional assistance regarding the Bailey RedHeader Pro™ system may be obtained from contacting the Bailey Metal Products sales office in your area.

The structural load tables and technical information contained in this catalogue were prepared by **Matsen Ford Design Associates, Inc.**



BAILEY REDHEADER PRO™
ROUGH OPENING SYSTEM

Building professionals require a solution that eliminates the labour intensive and expensive field assembly of rough opening components using standard cold formed steel wall framing members.

The new Bailey RedHeader PRO™ is the Canadian made rough opening system that provides a better alternative to conventional window and door framing.*

BAILEY REDHEADER PRO™
can cut your labour time in half.

The new Bailey RedHeader PRO™ cuts on-site labor by up to 50% by reducing the number of wall framing members required to frame windows and doors. The superior strength and carrying capacity of the new system means higher performance with fewer members.

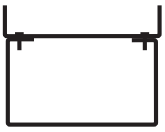
Bailey RedHeader PRO™'s one-piece header and jamb replace conventional boxed headers and built-up jambs which require multiple studs, tracks and screws.

The new Bailey RedHeader PRO™ is pre-engineered, and pre-cut to specified lengths. The system uses the same-sized member for the jamb and header for greater functionality. The top of the header is open which allows for easy insulation installation.

• Bailey RedHeader PRO™ headers and jambs are produced by Bailey Metal Products in Canada under permission granted by ClarkDietrich™ Building Systems. RedHeader PRO™ is a trademark of ClarkDietrich™.

THE STRENGTH WITHIN

RedHeader HEADER

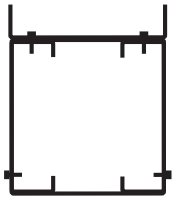


- 1 header stud
- 1 track for cripple attachments
- 2 screws

REPLACES **Lay-in header**

- 1 stud
- 2 tracks
- 4 screws

OR **Boxed header**



- 2 studs
- 2 tracks
- 4 screws

RedHeader JAMB

- 1 jamb stud

REPLACES **Built-up jamb**

- 2 studs
- 1 track
- 4 screws

APPLICATIONS

- Exterior curtain wall headers and jambs
- Interior partition wall headers and jambs

BENEFITS

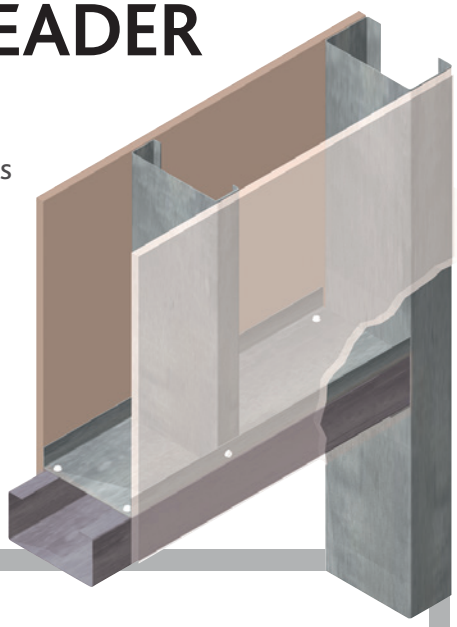
- Reduces assembly time by up to 50%. The header bracket provides an easy connection between the header and jamb
- Eliminates "capped" members, allowing drywall screws to drive through only one thickness of material
- The top of the header is open which allows for easier fit of rigid insulation without additional cutting
- Opened jamb stud does not require pre-insulating
- Ready to install: Precut headers and jambs to specified lengths eliminate field cutting and reduce waste
- Green building material: Bailey RedHeader PRO™ makes the buildings more environmental friendly by reducing material and waste

STANDARDS

Bailey RedHeader PRO™ products are produced and designed to meet or exceed these applicable standards:

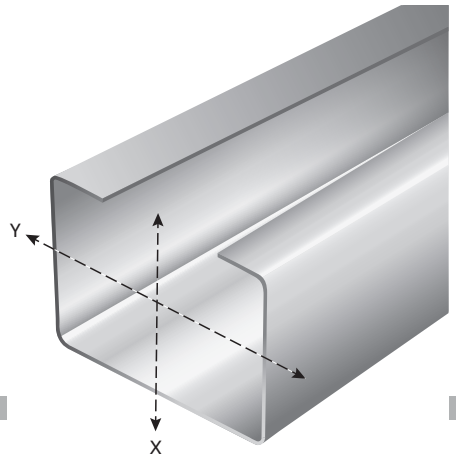
- CSA S136 "North American Specification for the Design of Cold Formed Steel Structural Members"
- ASTM American Society for Testing and Materials
  - Profile, steel thickness and dimensions
- ASTM C645 Non-structural steel framing members
- ASTM C955 Load-bearing steel framing
  - Grade of steel
- ASTM A1003 Standard specification for steel sheet, carbon, metallic- and nonmetallic-coated for cold-formed framing members
  - Protective coating standards
- ASTM A653 Zinc-coated hot-dip process
  - Installation
- ASTM C754 Standard Specification for Installation of Steel Framing Members to Receive Screw-attached Gypsum Panel Products
- ASTM C1007 Standard Specification for Installation of Load Bearing (Transverse and Axial) Steel Studs and Related Accessories

BAILEY REDHEADER PRO™ HEADER



INSTALLATION

- Fasten the header bracket to the jamb at header location with 4 screws using the pre-punched screw holes
- Slide the header into the header bracket and fasten it to the bracket with 4 screws
- Headers must be ordered 1/2" shorter to accommodate the attachment clip (header length = inside of jamb to inside of jamb minus 1/2")



Available depths: 3-5/8", 4", 6", 8"

Available flanges: 3" and 3-1/2" (3-1/2" flange only available for 54mil, 68mil, and 97mil)

Return: 1"

Coating: G60 standard, G90 available upon request

Yield stress: 33 ksi (33mil, 43mil), 50 ksi (54mil, 68mil, 97mil)

REDHEADER PRO™ HEADER

DEPTH in. (mm)	FLANGE in. (mm)	RETURN in. (mm)	DESIGN THICKNESS		F_y
			mil	in. (mm)	ksi (MPa)
3 5/8 (92.1)	3 (76.2)	1 (25.4)	33	0.0346 (0.879)	33 (230)
			43	0.0451 (1.146)	33 (230)
4 (102)	3.5 (88.9)		54	0.0566 (1.438)	50 (345)
6 (152)			68	0.0713 (1.811)	50 (345)
8 (203)			97	0.1017 (2.583)	50 (345)

UNPERFORATED HEADER SECTION PROPERTIES (IMPERIAL)

MEMBER DESIGNATION	DESIGN THICKNESS	F_y	Gross Properties								Effective									Torsional				
			Area	Weight	I_x	S_x	r_x	I_y	S_y	r_y	I_{xe}	I_{ye}	S_{xe}	S_{ye}	M_{rx_local}	M_{rx_Dist}	M_{ry_local}	M_{ry_Dist}	V_{r_g}	x_o	J *1000	C_w	r_o	β
	(in.)	(ksi)	(in^2)	(lbs/ft)	(in^4)	(in^3)	(in.)	(in^4)	(in^3)	(in.)	(in^4)	(in^4)	(in^3)	(in^3)	(k-in)	(k-in)	(k-in)	(k-in)	(kips)	(in.)	(in^4)	(in^6)	(in.)	
362RH300-33	0.0346	33	0.392	1.33	0.898	0.495	1.51	0.543	0.317	1.18	0.806	0.436	0.358	0.287	10.6	12.2	8.53	7.76	1.31	-2.98	0.156	2.39	3.55	0.292
362RH300-43	0.0451	33	0.509	1.73	1.16	0.640	1.51	0.700	0.409	1.17	1.11	0.63	0.522	0.361	15.5	13.6	10.7	11.0	2.23	-2.97	0.345	3.06	3.53	0.293
362RH300-54	0.0566	50	0.634	2.16	1.43	0.791	1.50	0.863	0.504	1.17	1.38	0.79	0.658	0.452	29.6	30.5	20.4	19.3	4.32	-2.96	0.677	3.74	3.52	0.293
362RH300-68	0.0713	50	0.791	2.69	1.77	0.977	1.50	1.06	0.620	1.16	1.77	1.03	0.889	0.602	40.0	35.5	27.1	25.7	5.59	-2.94	1.34	4.55	3.49	0.293
362RH300-97	0.1017	50	1.11	3.76	2.42	1.34	1.48	1.44	0.840	1.14	2.42	1.42	1.33	0.84	59.8	60.1	37.8	37.8	7.61	-2.90	3.81	6.04	3.45	0.294
362RH350-54	0.0566	50	0.691	2.35	1.61	0.890	1.53	1.24	0.627	1.34	1.51	1.14	0.693	0.567	31.2	32.2	25.5	22.5	4.32	-3.45	0.738	5.31	4.00	0.258
362RH350-68	0.0713	50	0.862	2.93	2.00	1.10	1.52	1.53	0.773	1.33	1.97	1.48	0.927	0.753	41.7	43.3	33.9	30.2	5.59	-3.42	1.46	6.48	3.98	0.262
362RH350-97	0.1017	50	1.21	4.10	2.74	1.51	1.51	2.09	1.05	1.31	2.74	2.06	1.38	1.05	62.1	66.7	47.4	46.2	7.61	-3.39	4.16	8.64	3.94	0.258
400RH300-33	0.0346	33	0.405	1.38	1.12	0.561	1.66	0.563	0.321	1.18	1.01	0.45	0.407	0.261	12.1	13.5	7.76	7.73	1.25	-2.91	0.162	2.78	3.56	0.329
400RH300-43	0.0451	33	0.526	1.80	1.45	0.724	1.66	0.726	0.414	1.18	1.39	0.65	0.593	0.366	17.6	19.2	10.9	10.9	2.23	-2.90	0.357	3.56	3.54	0.329
400RH300-54	0.0566	50	0.655	2.23	1.79	0.896	1.65	0.896	0.511	1.17	1.73	0.82	0.748	0.459	33.6	34.0	20.6	19.3	4.32	-2.89	0.700	4.36	3.53	0.330
400RH300-68	0.0713	50	0.818	2.78	2.22	1.11	1.65	1.10	0.628	1.16	2.22	1.07	1.010	0.611	45.4	45.5	27.5	25.7	6.24	-2.87	1.39	5.31	3.51	0.330
400RH300-97	0.1017	50	1.14	3.89	3.04	1.52	1.63	1.50	0.852	1.14	3.04	1.48	1.51	0.85	68.0	68.4	38.4	38.3	8.52	-2.83	3.94	7.05	3.46	0.331
400RH350-54	0.0566	50	0.712	2.42	2.01	1.01	1.68	1.29	0.636	1.34	1.88	1.19	0.787	0.597	35.4	35.8	26.9	22.5	4.32	-3.38	0.760	6.19	4.01	0.289
400RH350-68	0.0713	50	0.889	3.02	2.49	1.25	1.67	1.59	0.784	1.34	2.46	1.54	1.05	0.76	47.3	48.2	34.2	30.1	6.24	-3.36	1.51	7.56	3.98	0.289
400RH350-97	0.1017	50	1.25	4.23	3.43	1.71	1.66	2.17	1.07	1.32	3.42	2.14	1.56	1.07	70.2	74.6	48.1	46.3	8.52	-3.32	4.29	10.1	3.94	0.290
600RH300-33	0.0346	33	0.474	1.61	2.82	0.938	2.44	0.652	0.338	1.17	2.57	0.50	0.653	0.275	19.4	21.0	8.18	7.52	0.817	-2.60	0.189	5.63	3.75	0.520
600RH300-43	0.0451	33	0.616	2.09	3.64	1.21	2.43	0.841	0.435	1.17	3.50	0.73	1.011	0.392	30.0	30.0	11.6	10.7	1.81	-2.59	0.418	7.22	3.74	0.521
600RH300-54	0.0566	50	0.769	2.61	4.52	1.51	2.43	1.04	0.537	1.16	4.37	0.95	1.28	0.48	57.4	53.0	21.7	18.9	3.61	-2.57	0.821	8.87	3.72	0.522
600RH300-68	0.0713	50	0.960	3.27	5.61	1.87	2.42	1.28	0.662	1.15	5.61	1.25	1.72	0.62	77.3	71.8	27.9	25.3	6.85	-2.55	1.63	10.8	3.70	0.524
600RH300-97	0.1017	50	1.35	4.58	7.75	2.58	2.40	1.74	0.900	1.14	7.75	1.73	2.56	0.88	115	112	39.7	38.9	13.4	-2.51	4.64	14.5	3.66	0.527
600RH350-54	0.0566	50	0.825	2.81	5.02	1.67	2.47	1.49	0.671	1.34	4.72	1.38	1.34	0.60	60.2	55.1	27.2	22.0	3.61	-3.04	0.881	12.6	4.14	0.461
600RH350-68	0.0713	50	1.03	3.51	6.24	2.08	2.46	1.84	0.828	1.34	6.17	1.79	1.78	0.77	79.9	75.0	34.7	29.7	6.85	-3.02	1.75	15.5	4.12	0.462
600RH350-97	0.1017	50	1.45	4.93	8.63	2.88	2.44	2.52	1.13	1.32	8.63	2.50	2.61	1.11	117	118	49.8	46.3	13.4	-2.98	4.99	20.8	4.07	0.465
800RH300-43	0.0451	33	0.706	2.40	7.07	1.77	3.16	0.927	0.449	1.15	6.85	0.81	1.42	0.39	42.0	41.0	11.7	10.4	1.35	-2.34	0.479	12.8	4.10	0.674
800RH300-54	0.0566	50	0.882	3.00	8.79	2.20	3.16	1.15	0.554	1.14	8.54	1.05	1.82	0.50	81.8	72.5	22.4	18.3	2.68	-2.32	0.942	15.7	4.08	0.676
800RH300-68	0.0713	50	1.10	3.75	10.9	2.73	3.15	1.41	0.683	1.13	10.9	1.4	2.52	0.62	114	98.9	28.1	24.7	5.40	-2.31	1.87	19.2	4.06	0.678
800RH300-97	0.1017	50	1.55	5.28	15.2	3.79	3.13	1.92	0.930	1.11	15.2	1.9	3.75	0.89	169	157	40.2	38.4	13.9	-2.27	5.35	25.8	4.02	0.682
800RH350-54	0.0566	50	0.938	3.19	9.68	2.42	3.21	1.65	0.694	1.32	9.19	1.52	1.87	0.63	84.3	74.9	28.3	21.4	2.68	-2.76	1.00	22.4	4.44	0.612
800RH350-68	0.0713	50	1.17	4.00	12.0	3.01	3.20	2.04	0.857	1.32	11.9	2.0	2.60	0.78	117	103	35.0	29.1	5.40	-2.75	1.99	27.4	4.42	0.614
800RH350-97	0.1017	50	1.65	5.62	16.7	4.19	3.18	2.79	1.17	1.30	16.7	2.8	3.80	1.12	171	164	50.4	45.7	13.9	-2.71	5.70	37.1	4.37	0.618

NOTE:
All edge stiffeners (returns) are 1.0 inch.

UNPERFORATED HEADER SECTION PROPERTIES (METRIC)

MEMBER DESIGNATION	DESIGN THICKNESS	F_y	Gross Properties								Effective									Torsional				
			Area E+03	Mass	I_x E+06	S_x E+03	r_x	I_y E+06	S_y E+03	r_y	I_{xe} E+06	I_{ye} E+06	S_{xe} E+03	S_{ye} E+03	M_{rx_local}	M_{rx_Dist}	M_{ry_local}	M_{ry_Dist}	V_{r_g}	x_o	J	C_w E+06	r_o	β
	(mm)	(MPa)	(mm^2)	(kg/m)	(mm^4)	(mm^3)	(mm)	(mm^4)	(mm^3)	(mm)	(mm^4)	(mm^4)	(mm^3)	(mm^3)	(kN-m)	(kN-m)	(kN-m)	(kN-m)	(kN)	(mm)	(mm^4)	(mm^6)	(mm)	
362RH300-33	0.879	230	0.253	1.98	0.374	8.12	38.4	0.226	5.19	29.9	0.336	0.181	5.87	4.70	1.21	1.38	0.974	0.877	5.83	-75.7	65.1	642	90.1	0.292
362RH300-43	1.146	230	0.328	2.57	0.482	10.5	38.3	0.291	6.69	29.8	0.461	0.261	8.56	5.91	1.77	1.54	1.22	1.24	9.91	-75.4	144	821	89.7	0.293
362RH300-54	1.438	345	0.409	3.21	0.597	13.0	38.2	0.359	8.26	29.6	0.574	0.329	10.8	7.41	3.34	3.44	2.30	2.18	19.2	-75.1	282	1005	89.3	0.293
362RH300-68	1.811	345	0.510	4.00	0.737	16.0	38.0	0.442	10.2	29.4	0.737	0.428	14.6	9.9	4.52	4.01	3.06	2.90	24.9	-74.6	558	1223	88.8	0.293
362RH300-97	2.583	345	0.713	5.59	1.01	21.9	37.6	0.600	13.8	29.0	1.01	0.592	21.8	13.8	6.76	6.79	4.27	4.27	33.8	-73.6	1586	1621	87.6	0.294
362RH350-54	1.438	345	0.446	3.50	0.672	14.6	38.8	0.517	10.3	34.0	0.627	0.476	11.4	9.3	3.53	3.64	2.88	2.55	19.2	-87.6	307	1427	102	0.258
362RH350-68	1.811	345	0.556	4.37	0.830	18.0	38.6	0.637	12.7	33.8	0.821	0.617	15.2	12.3	4.71	4.89	3.83	3.41	24.9	-86.9	608	1740	101	0.262
362RH350-97	2.583	345	0.779	6.11	1.14	24.8	38.3	0.869	17.2	33.4	1.14	0.857	22.6	17.2	7.02	7.54	5.35	5.21	33.8	-86.2	1732	2319	100	0.258
400RH300-33	0.879	230	0.261	2.05	0.467	9.19	42.3	0.234	5.26	30.0	0.420	0.188	6.67	4.28	1.38	1.53	0.886	0.874	5.56	-74.0	67.3	747	90.4	0.329
400RH300-43	1.146	230	0.339	2.68	0.603	11.9	42.2	0.302	6.78	29.8	0.577	0.269	9.72	5.99	2.01	2.17	1.24	1.23	9.91	-73.7	148	956	90.0	0.329
400RH300-54	1.438	345	0.423	3.32	0.746	14.7	42.0	0.373	8.37	29.7	0.719	0.342	12.3	7.52	3.80	3.84	2.33	2.18	19.2	-73.4	291	1170	89.6	0.330
400RH300-68	1.811	345	0.528	4.14	0.922	18.2	41.8	0.459	10.3	29.5	0.922	0.445	16.5	10.0	5.13	5.14	3.11	2.90	27.7	-72.9	577	1425	89.1	0.330
400RH300-97	2.583	345	0.738	5.79	1.26	24.9	41.4	0.624	14.0	29.1	1.26	0.616	24.7	14.0	7.68	7.72	4.33	4.33	37.9	-71.9	1641	1892	87.9	0.331
400RH350-54	1.438	345	0.459	3.60	0.838	16.5	42.7	0.535	10.4	34.1	0.783	0.494	12.9	9.8	4.00	4.04	3.04	2.54	19.2	-85.8	316	1663	102	0.289
400RH350-68	1.811	345	0.574	4.50	1.04	20.4	42.5	0.661	12.8	33.9	1.03	0.641	17.2	12.4	5.34	5.44	3.86	3.41	27.7	-85.3	627	2030	101	0.289
400RH350-97	2.583	345	0.803	6.30	1.43	28.1	42.1	0.902	17.5	33.5	1.42	0.891	25.6	17.5	7.93	8.43	5.43	5.23	37.9	-84.3	1787	2710	100	0.290
600RH300-33	0.879	230	0.306	2.40	1.17	15.4	61.9	0.272	5.53	29.8	1.07	0.209	10.7	4.51	2.22	2.37	0.934	0.850	3.63	-66.0	78.8	1512	95.3	0.520
600RH300-43	1.146	230	0.397	3.12	1.52	19.9	61.8	0.350	7.13	29.7	1.46	0.306	16.6	6.43	3.43	3.39	1.33	1.21	8.06	-65.7	174	1940	94.9	0.521
600RH300-54	1.438	345	0.496	3.89	1.88	24.7	61.6	0.432	8.80	29.5	1.82	0.397	20.9	7.92	6.49	5.99	2.46	2.13	16.1	-65.3	342	2381	94.5	0.522
600RH300-68	1.811	345	0.620	4.86	2.34	30.7	61.4	0.533	10.8	29.3	2.34	0.518	28.1	10.2	8.73	8.11	3.15	2.86	30.5	-64.8	677	2910	94.0	0.524
600RH300-97	2.583	345	0.869	6.82	3.23	42.3	60.9	0.726	14.7	28.9	3.22	0.720	41.9	14.5	13.0	12.7	4.49	4.40	59.6	-63.8	1933	3893	92.9	0.527
600RH350-54	1.438	345	0.532	4.18	2.09	27.4	62.7	0.621	11.0	34.1	1.97	0.573	21.9	9.9	6.80	6.23	3.07	2.49	16.1	-77.1	367	3393	105	0.461
600RH350-68	1.811	345	0.666	5.22	2.60	34.1	62.5	0.767	13.6	33.9	2.57	0.747	29.1	12.6	9.03	8.47	3.92	3.36	30.5	-76.6	728	4156	105	0.462
600RH350-97	2.583	345	0.935	7.34	3.59	47.2	62.0	1.049	18.5	33.5	3.59	1.04	42.7	18.1	13.3	13.4	5.62	5.23	59.6	-75.6	2079	5588	103	0.465
800RH300-43	1.146	230	0.456	3.58	2.94	29.0	80.4	0.386	7.35	29.1	2.85	0.335	23.2	6.46	4.80	4.63	1.34	1.17	5.98	-59.4	199	3425	104	0.674
800RH300-54	1.438	345	0.569	4.46	3.66	36.0	80.2	0.477	9.08	28.9	3.56	0.437	29.8	8.17	9.24	8.20	2.54	2.06	11.9	-59.0	392	4211	104	0.676
800RH300-68	1.811	345	0.712	5.59	4.55	44.8	79.9	0.588	11.2	28.7	4.55	0.572	41.4	10.2	12.8	11.2	3.18	2.79	24.0	-58.6	778	5159	103	0.678
800RH300-97	2.583	345	1.000	7.85	6.31	62.1	79.4	0.801	15.2	28.3	6.31	0.797	61.4	14.7	19.1	17.7	4.55	4.34	62.0	-57.6	2225	6935	102	0.682
800RH350-54	1.438	345	0.605	4.75	4.03	39.7	81.6	0.686	11.4	33.6	3.83	0.633	30.7	10.3	9.52	8.47	3.20	2.42	11.9	-70.2	417	6002	113	0.612
800RH350-68	1.811	345	0.758	5.95	5.01	49.4	81.4	0.847	14.0	33.4	4.96	0.826	42.6	12.7	13.2	11.6	3.95	3.29	24.0	-69.7	828	7369	112	0.614
800RH350-97	2.583	345	1.066	8.37	6.97	68.6	80.9	1.16	19.2	33.0	6.97	1.15	62.3	18.4	19.3	18.5	5.70	5.17	62.0	-68.7	2371	9954	111	0.618

NOTE:
All edge stiffeners (returns) are 25.4 mm.

BAILEY REDHEADER PRO™ JAMB

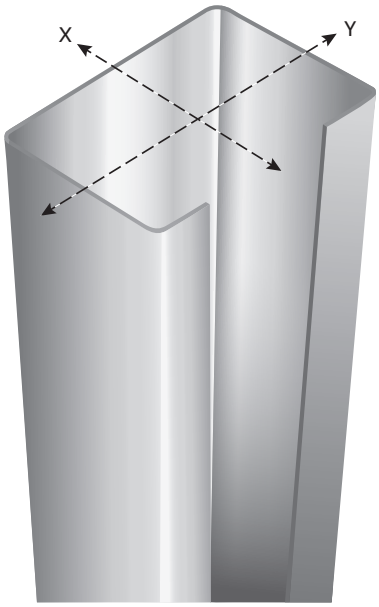
Available depths: 3-5/8", 4", 6", 8"

Available flanges: 3" and 3-1/2" (3-1/2" flange only available for 54mil, 68mil, and 97mil)

Return: 1"

Coating: G60 standard, G90 available upon request

Yield stress: 33 ksi (33mil, 43mil), 50 ksi (54mil, 68mil, 97mil)



REDHEADER PRO™ JAMB

DEPTH in. (mm)	FLANGE in. (mm)	RETURN in. (mm)	DESIGN THICKNESS		F_y ksi (MPa)
			mil	in. (mm)	
3 5/8 (92.1)	3 (76.2)	1 (25.4)	33	0.0346 (0.879)	33 (230)
			43	0.0451 (1.146)	33 (230)
4 (102)	3.5 (88.9)		54	0.0566 (1.438)	50 (345)
6 (152)			68	0.0713 (1.811)	50 (345)
8 (203)			97	0.1017 (2.583)	50 (345)

NOTE: 8 in. depth is not available for the 33 mil design thickness.

PERFORATED JAMB SECTION PROPERTIES - 1.5" HOLES (IMPERIAL)

MEMBER DESIGNATION	DESIGN THICKNESS	F_y	Gross Properties								Effective					Torsional					L_u
			Area	Weight	I_x	S_x	r_x	I_y	S_y	r_y	I_{xe}	S_{xe}	M_{rx_local}	M_{rx_Dist}	V_{r_g}	x_o	J *1000	C_w	r_o	β	
	(in.)	(ksi)	(in^2)	(lbs/ft)	(in^4)	(in^3)	(in.)	(in^4)	(in^3)	(in.)	(in^4)	(in^3)	(k-in)	(k-in)	(kips)	(in.)	(in^4)	(in^6)	(in.)		(in.)
362RJS300-33	0.0346	33	0.392	1.33	0.898	0.495	1.51	0.543	0.317	1.18	0.806	0.324	9.6	11.8	0.667	-2.98	0.156	2.39	3.55	0.292	86.9
362RJS300-43	0.0451	33	0.509	1.73	1.16	0.640	1.51	0.700	0.409	1.17	1.11	0.492	14.6	16.7	0.865	-2.97	0.345	3.06	3.53	0.293	82.4
362RJS300-54	0.0566	50	0.634	2.16	1.43	0.791	1.50	0.863	0.504	1.17	1.38	0.624	28.1	29.5	1.30	-2.96	0.677	3.74	3.52	0.293	63.8
362RJS300-68	0.0713	50	0.791	2.69	1.77	0.977	1.50	1.06	0.620	1.16	1.77	0.863	38.8	39.6	1.28	-2.94	1.34	4.55	3.49	0.293	70.1
362RJS300-97	0.1017	50	1.11	3.76	2.42	1.34	1.48	1.44	0.840	1.14	2.42	1.31	58.8	59.2	1.12	-2.90	3.81	6.04	3.45	0.294	61.2
362RJS350-54	0.0566	50	0.691	2.35	1.61	0.890	1.53	1.24	0.627	1.34	1.51	0.655	29.5	31.1	1.30	-3.45	0.738	5.31	4.00	0.258	71.1
362RJS350-68	0.0713	50	0.862	2.93	2.00	1.10	1.52	1.53	0.773	1.33	1.97	0.895	40.3	42.0	1.28	-3.42	1.46	6.48	3.98	0.262	60.8
362RJS350-97	0.1017	50	1.21	4.10	2.74	1.51	1.51	2.09	1.05	1.31	2.74	1.34	60.3	65.1	1.12	-3.39	4.16	8.64	3.94	0.258	71.1
400RJS300-33	0.0346	33	0.405	1.38	1.12	0.561	1.66	0.563	0.321	1.18	1.01	0.361	10.7	13.1	0.761	-2.91	0.162	2.78	3.56	0.329	87.2
400RJS300-43	0.0451	33	0.526	1.80	1.45	0.724	1.66	0.726	0.414	1.18	1.39	0.552	16.4	18.6	1.04	-2.90	0.357	3.56	3.54	0.329	71.1
400RJS300-54	0.0566	50	0.655	2.23	1.79	0.896	1.65	0.896	0.511	1.17	1.73	0.700	31.5	32.9	1.57	-2.89	0.700	4.36	3.53	0.330	64.0
400RJS300-68	0.0713	50	0.818	2.78	2.22	1.11	1.65	1.10	0.628	1.16	2.22	0.973	43.8	44.2	1.74	-2.87	1.39	5.31	3.51	0.330	72.1
400RJS300-97	0.1017	50	1.14	3.89	3.04	1.52	1.63	1.50	0.852	1.14	3.04	1.49	67.0	67.2	1.55	-2.83	3.94	7.05	3.46	0.331	61.6
400RJS350-54	0.0566	50	0.712	2.42	2.01	1.01	1.68	1.29	0.636	1.34	1.88	0.735	33.1	34.6	1.57	-3.38	0.760	6.19	4.01	0.289	72.1
400RJS350-68	0.0713	50	0.889	3.02	2.49	1.25	1.67	1.59	0.784	1.34	2.46	1.01	45.3	46.7	1.74	-3.36	1.51	7.56	3.98	0.289	61.0
400RJS350-97	0.1017	50	1.25	4.23	3.43	1.71	1.66	2.17	1.07	1.32	3.42	1.52	68.4	72.6	1.55	-3.32	4.29	10.1	3.94	0.290	72.1
600RJS300-33	0.0346	33	0.474	1.61	2.82	0.938	2.44	0.652	0.338	1.17	2.57	0.653	19.4	20.2	0.817	-2.60	0.189	5.63	3.75	0.520	88.4
600RJS300-43	0.0451	33	0.616	2.09	3.64	1.21	2.43	0.841	0.435	1.17	3.50	1.010	30.0	29.0	1.59	-2.59	0.418	7.22	3.74	0.521	73.1
600RJS300-54	0.0566	50	0.769	2.61	4.52	1.51	2.43	1.04	0.537	1.16	4.37	1.27	57.3	51.3	2.49	-2.57	0.821	8.87	3.72	0.522	65.1
600RJS300-68	0.0713	50	0.960	3.27	5.61	1.87	2.42	1.28	0.662	1.15	5.61	1.71	77.1	69.6	3.69	-2.55	1.63	10.8	3.70	0.524	73.1
600RJS300-97	0.1017	50	1.35	4.58	7.75	2.58	2.40	1.74	0.900	1.14	7.75	2.55	115	109	4.87	-2.51	4.64	14.5	3.66	0.527	63.7
600RJS350-54	0.0566	50	0.825	2.81	5.02	1.67	2.47	1.49	0.671	1.34	4.72	1.34	60.1	53.2	2.49	-3.04	0.881	12.6	4.14	0.461	73.1
600RJS350-68	0.0713	50	1.03	3.51	6.24	2.08	2.46	1.84	0.828	1.34	6.17	1.77	79.7	72.5	3.69	-3.02	1.75	15.5	4.12	0.462	62.2
600RJS350-97	0.1017	50	1.45	4.93	8.63	2.88	2.44	2.52	1.13	1.32	8.63	2.59	117	115	4.87	-2.98	4.99	20.8	4.07	0.465	74.1
800RJS300-43	0.0451	33	0.706	2.40	7.07	1.77	3.16	0.927	0.449	1.15	6.85	1.41	42.0	39.7	1.35	-2.34	0.479	12.8	4.10	0.674	85.2
800RJS300-54	0.0566	50	0.882	3.00	8.79	2.20	3.16	1.15	0.554	1.14	8.54	1.81	81.6	70.1	2.68	-2.32	0.942	15.7	4.08	0.676	74.1
800RJS300-68	0.0713	50	1.10	3.75	10.9	2.73	3.15	1.41	0.683	1.13	10.9	2.52	113	95.8	4.31	-2.31	1.87	19.2	4.06	0.678	64.6
800RJS300-97	0.1017	50	1.55	5.28	15.2	3.79	3.13	1.92	0.930	1.11	15.2	3.74	168	152	7.60	-2.27	5.35	25.8	4.02	0.682	74.1
800RJS350-54	0.0566	50	0.938	3.19	9.68	2.42	3.21	1.65	0.694	1.32	9.19	1.87	84.1	72.3	2.68	-2.76	1.00	22.4	4.44	0.612	64.7
800RJS350-68	0.0713	50	1.17	4.00	12.0	3.01	3.20	2.04	0.857	1.32	11.9	2.60	117	99.2	4.31	-2.75	1.99	27.4	4.42	0.614	75.1
800RJS350-97	0.1017	50	1.65	5.62	16.7	4.19	3.18	2.79	1.17	1.30	16.7	3.79	170	159	7.60	-2.71	5.70	37.1	4.37	0.618	64.4

NOTE:
All edge stiffeners (returns) are 1.0 inch.

PERFORATED JAMB SECTION PROPERTIES - 38.1 mm HOLES (METRIC)

MEMBER DESIGNATION	DESIGN THICKNESS (mm)	F_y (MPa)	Gross Properties								Effective					Torsional					
			Area E+03 (mm^2)	Mass (kg/m)	I_x E+06 (mm^4)	S_x E+03 (mm^3)	r_x (mm)	I_y E+06 (mm^4)	S_y E+03 (mm^3)	r_y (mm)	I_{xe} E+06 (mm^4)	S_{xe} E+03 (mm^3)	M_{rx_local} (kN-m)	M_{rx_Dist} (kN-m)	V_{r_g} (kN)	x_o (mm)	J *1000 (mm^4)	C_w E+06 (mm^6)	r_o (mm)	β	L_u (mm)
362RJS300-33	0.879	230	0.253	1.98	0.374	8.12	38.4	0.226	5.19	29.9	0.336	5.30	1.10	1.33	2.97	-75.7	65.1	642	90.1	0.292	2207
362RJS300-43	1.146	230	0.328	2.57	0.482	10.5	38.3	0.291	6.69	29.8	0.461	8.07	1.67	1.89	3.85	-75.4	144	821	89.7	0.293	2094
362RJS300-54	1.438	345	0.409	3.21	0.597	13.0	38.2	0.359	8.26	29.6	0.574	10.2	3.17	3.34	5.79	-75.1	282	1005	89.3	0.293	1620
362RJS300-68	1.811	345	0.510	4.00	0.737	16.0	38.0	0.442	10.2	29.4	0.737	14.1	4.39	4.47	5.71	-74.6	558	1223	88.8	0.293	1782
362RJS300-97	2.583	345	0.713	5.59	1.01	21.9	37.6	0.600	13.8	29.0	1.01	21.4	6.65	6.69	4.98	-73.6	1586	1621	87.6	0.294	1555
362RJS350-54	1.438	345	0.446	3.50	0.672	14.6	38.8	0.517	10.3	34.0	0.627	10.7	3.33	3.52	5.79	-87.6	307	1427	102	0.258	1807
362RJS350-68	1.811	345	0.556	4.37	0.830	18.0	38.6	0.637	12.7	33.8	0.821	14.7	4.55	4.74	5.71	-86.9	608	1740	101	0.262	1544
362RJS350-97	2.583	345	0.779	6.11	1.14	24.8	38.3	0.869	17.2	33.4	1.14	22.0	6.81	7.35	4.98	-86.2	1732	2319	100	0.258	1807
400RJS300-33	0.879	230	0.261	2.05	0.467	9.19	42.3	0.234	5.26	30.0	0.420	5.92	1.23	1.48	3.39	-74.0	67.3	747	90.4	0.329	2214
400RJS300-43	1.146	230	0.339	2.68	0.603	11.9	42.2	0.302	6.78	29.8	0.577	9.05	1.87	2.10	4.61	-73.7	148	956	90.0	0.329	1807
400RJS300-54	1.438	345	0.423	3.32	0.746	14.7	42.0	0.373	8.37	29.7	0.719	11.5	3.56	3.72	6.97	-73.4	291	1170	89.6	0.330	1626
400RJS300-68	1.811	345	0.528	4.14	0.922	18.2	41.8	0.459	10.3	29.5	0.922	15.9	4.95	4.99	7.72	-72.9	577	1425	89.1	0.330	1833
400RJS300-97	2.583	345	0.738	5.79	1.26	24.9	41.4	0.624	14.0	29.1	1.26	24.4	7.57	7.60	6.87	-71.9	1641	1892	87.9	0.331	1565
400RJS350-54	1.438	345	0.459	3.60	0.838	16.5	42.7	0.535	10.4	34.1	0.783	12.0	3.74	3.90	6.97	-85.8	316	1663	102	0.289	1833
400RJS350-68	1.811	345	0.574	4.50	1.04	20.4	42.5	0.661	12.8	33.9	1.03	16.5	5.12	5.28	7.72	-85.3	627	2030	101	0.289	1550
400RJS350-97	2.583	345	0.803	6.30	1.43	28.1	42.1	0.902	17.5	33.5	1.42	24.9	7.73	8.20	6.87	-84.3	1787	2710	100	0.290	1833
600RJS300-33	0.879	230	0.306	2.40	1.17	15.4	61.9	0.272	5.53	29.8	1.07	10.7	2.21	2.29	3.63	-66.0	78.8	1512	95.3	0.520	2246
600RJS300-43	1.146	230	0.397	3.12	1.52	19.9	61.8	0.350	7.13	29.7	1.46	16.5	3.42	3.28	7.06	-65.7	174	1940	94.9	0.521	1858
600RJS300-54	1.438	345	0.496	3.89	1.88	24.7	61.6	0.432	8.80	29.5	1.82	20.9	6.48	5.79	11.1	-65.3	342	2381	94.5	0.522	1654
600RJS300-68	1.811	345	0.620	4.86	2.34	30.7	61.4	0.533	10.8	29.3	2.34	28.1	8.71	7.86	16.4	-64.8	677	2910	94.0	0.524	1858
600RJS300-97	2.583	345	0.869	6.82	3.23	42.3	60.9	0.726	14.7	28.9	3.22	41.8	13.0	12.3	21.7	-63.8	1933	3893	92.9	0.527	1619
600RJS350-54	1.438	345	0.532	4.18	2.09	27.4	62.7	0.621	11.0	34.1	1.97	21.9	6.79	6.01	11.1	-77.1	367	3393	105	0.461	1858
600RJS350-68	1.811	345	0.666	5.22	2.60	34.1	62.5	0.767	13.6	33.9	2.57	29.0	9.00	8.19	16.4	-76.6	728	4156	105	0.462	1579
600RJS350-97	2.583	345	0.935	7.34	3.59	47.2	62.0	1.049	18.5	33.5	3.59	42.5	13.2	13.0	21.7	-75.6	2079	5588	103	0.465	1883
800RJS300-43	1.146	230	0.456	3.58	2.94	29.0	80.4	0.386	7.35	29.1	2.85	23.2	4.80	4.48	5.98	-59.4	199	3425	104	0.674	2165
800RJS300-54	1.438	345	0.569	4.46	3.66	36.0	80.2	0.477	9.08	28.9	3.56	29.7	9.22	7.92	11.9	-59.0	392	4211	104	0.676	1883
800RJS300-68	1.811	345	0.712	5.59	4.55	44.8	79.9	0.588	11.2	28.7	4.55	41.3	12.8	10.8	19.2	-58.6	778	5159	103	0.678	1641
800RJS300-97	2.583	345	1.00	7.85	6.31	62.1	79.4	0.801	15.2	28.3	6.31	61.3	19.0	17.2	33.8	-57.6	2225	6935	102	0.682	1883
800RJS350-54	1.438	345	0.605	4.75	4.03	39.7	81.6	0.686	11.4	33.6	3.83	30.6	9.50	8.17	11.9	-70.2	417	6002	113	0.612	1643
800RJS350-68	1.811	345	0.758	5.95	5.01	49.4	81.4	0.847	14.0	33.4	4.96	42.5	13.2	11.2	19.2	-69.7	828	7369	112	0.614	1909
800RJS350-97	2.583	345	1.07	8.37	6.97	68.6	80.9	1.16	19.2	33.0	6.97	62.0	19.2	18.0	33.8	-68.7	2371	9954	111	0.618	1636

NOTE:
All edge stiffeners (returns) are 25.4 mm.

BAILEY REDHEADER PRO™ HEADER BRACKET

The Header Bracket is designed to attach the Bailey RedHeader PRO™ header to the Bailey RedHeader PRO™ jamb stud. This U-shaped clip turns curtain wall header installation from a two-person job into a one-person job. The pre-punched clip also eliminates surface head fastener buildup that can create finishing challenges.

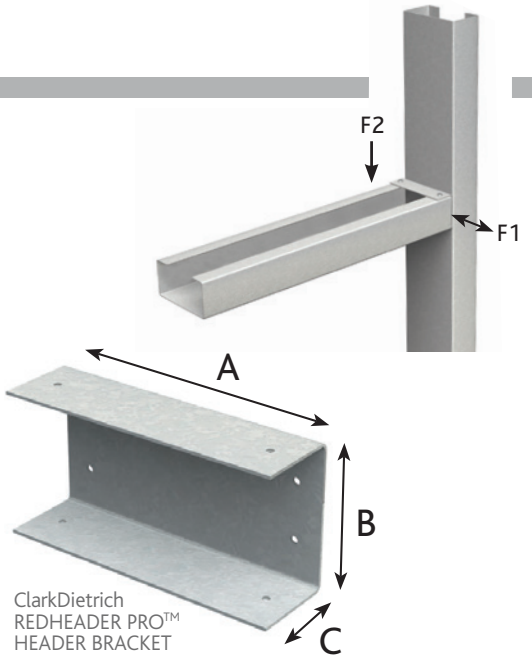
Available dimensions:

- 3-5/8" System: 3-1/2" long x 3-1/16" tall x 2" legs
- 4" System: 3-7/8" long x 3-1/16" tall x 2" legs
- 6" System: 5-7/8" long x 3-1/16" tall x 2" legs
- 8" System: 7-7/8" long x 3-1/16" tall x 2" legs

(For 3-1/2" Flange header bracket is 3-9/16" tall)

Coating: G90 standard

Yield stress: 33 ksi (33mil), 50 ksi (68mil, 97mil)



ClarkDietrich
REDHEADER PRO™
HEADER BRACKET

HEADER BRACKET

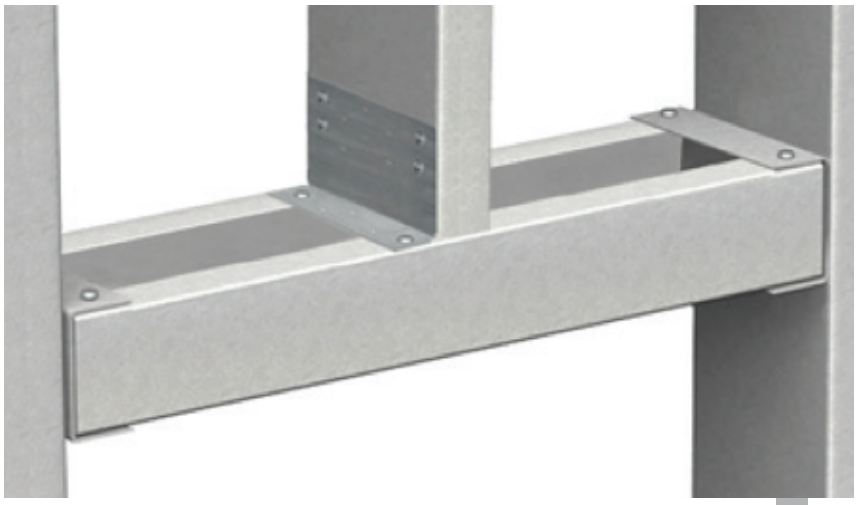
DESIGN THICKNESS		F_y ksi (MPa)	GAUGE
(mil)	in. (mm)		
33	0.0346 (0.879)	33 (230)	20
68	0.0713 (1.811)	50 (345)	14
97	0.1017 (2.583)	50 (345)	12

AVAILABLE THICKNESSES	BRACKET SIZE (in.) A x B x C	FITS REDHEADER PRO™ SYSTEM SIZE (in.)	
		Web Size	Flange Size
All bracket sizes are available in 20, 14, and 12 gauge	3-1/2 x 3-1/16 x 2 3-1/2 x 3-9/16 x 2	3-5/8"	3" 3-1/2"
	3-7/8 x 3-1/16 x 2 3-7/8 x 3-9/16 x 2	4"	3" 3-1/2"
	5-7/8 x 3-1/16 x 2 5-7/8 x 3-9/16 x 2	6"	3" 3-1/2"
	7-7/8 x 3-1/16 x 2 7-7/8 x 3-9/16 x 2	8"	3" 3-1/2"

BAILEY REDHEADER PRO™
CRIPPLE STUD CLIP

The RedHeader PRO™ Cripple Stud Clip (ClarkDietrich™ EasyClip™ E-Series Support Clip) eliminates the header track material and therefore is a more economical alternative. Extra-long 1" return lips on Bailey RedHeader PRO™ header allows for ease of attachment. Top of the header is open, allowing for easy installation of the insulation. There is no need to pre-insulate headers prior to installation.

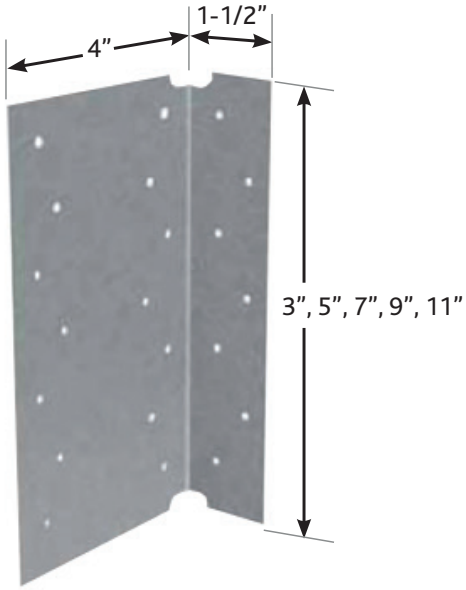
BAILEY REDHEADER PRO™ HEADER BRACKET



Available dimensions:

- 4" x 1-1/2" x 3"
- 4" x 1-1/2" x 5"
- 4" x 1-1/2" x 7"
- 4" x 1-1/2" x 9"
- 4" x 1-1/2" x 11"

Available in 54mil, 68mil and 97mil.



EasyClip™ Support Clip (E-Series™)

Calculated Screw Resistances - HDSC 33 Mil

Stud			Nominal Resistance				Factored Resistance				
			F1		F2			F1		F2	
			Header	Jamb	Header	Jamb		Header	Jamb	Header	Jamb
	Mils	F_y (ksi)	Screw Resistance (lbs)	Screw Resistance (lbs)	Screw Resistance (lbs)	Screw Resistance (lbs)	ϕ	Screw Resistance (lbs)	Screw Resistance (lbs)	Screw Resistance (lbs)	Screw Resistance (lbs)
	33	33	2121	2121	1563	2121	0.40	848	848	625	848
	43	33	3164	3164	2238	3164	0.40	1266	1266	895	1266
	54	50	3195	3195	2786	3195	0.40	1278	1278	1114	1278
	68	50	3195	3195	3094	3195	0.40	1278	1278	1238	1278
	97	50	3195	3195	3733	3195	0.40	1278	1278	1493	1278

Bracket Resistances Based on Tests - HDSC 33 Mil

Stud			F1				F2			
Depth	Mils	F_y (ksi)	Load at 1/8 in. (lbs)	Nominal Resistance (lbs)	ϕ	Factored Resistance (lbs)	Load at 1/8 in. (lbs)	Nominal Resistance (lbs)	ϕ	Factored Resistance (lbs)
3 5/8”	33	33	1199	1752	0.477	835	325	661	0.477	315
	43	33	1362	1939	0.477	924	406	820	0.477	391
	54	50	1552	2147	0.477	1023	492	1022	0.477	487
	68	50	1814	2416	0.477	1152	599	1324	0.477	631
	97	50	2420	2989	0.477	1425	806	2099	0.477	1001
4”	33	33	1206	1812	0.477	864	327	757	0.477	361
	43	33	1462	2546	0.477	1214	382	951	0.477	453
	54	50	1733	2503	0.477	1193	449	1208	0.477	576
	68	50	2030	2806	0.477	1338	544	1518	0.477	724
	97	50	2702	3390	0.477	1616	776	2162	0.477	1031
6”	33	33	1578	2091	0.477	997	344	734	0.477	350
	43	33	1906	2852	0.477	1360	396	1178	0.477	562
	54	50	2282	2833	0.477	1351	470	1484	0.477	707
	68	50	2788	3103	0.477	1479	592	1600	0.477	763
	97	50	2788	3103	0.477	1479	592	1600	0.477	763
8”	33	33	1566	2105	0.477	1003	334	879	0.477	419
	43	33	1970	2348	0.477	1119	391	1079	0.477	514
	54	50	2350	2581	0.477	1230	502	1159	0.477	552
	68	50	2740	2829	0.477	1349	628	1309	0.477	624
	97	50	2740	2829	0.477	1349	628	1309	0.477	624

HDSC 33 Mil

Stud			Design Factored Bracket Resistances (lbs)							
			F1				F2			
Depth	Mils	F_y (ksi)	Header	Controlling	Jamb	Controlling	Header	Controlling	Jamb	Controlling
3 5/8”	33	33	835	Test	848	Screw	315	Test	848	Screw
	43	33	924	Test	1266	Screw	391	Test	1266	Screw
	54	50	1023	Test	1278	Screw	487	Test	1278	Screw
	68	50	1152	Test	1278	Screw	631	Test	1278	Screw
	97	50	1278	Screw	1278	Screw	1001	Test	1278	Screw
4”	33	33	848	Screw	848	Screw	361	Test	848	Screw
	43	33	1214	Test	1266	Screw	453	Test	1266	Screw
	54	50	1193	Test	1278	Screw	576	Test	1278	Screw
	68	50	1278	Screw	1278	Screw	724	Test	1278	Screw
	97	50	1278	Screw	1278	Screw	1031	Test	1278	Screw
6”	33	33	848	Screw	848	Screw	350	Test	848	Screw
	43	33	1266	Screw	1266	Screw	562	Test	1266	Screw
	54	50	1278	Screw	1278	Screw	707	Test	1278	Screw
	68	50	1278	Screw	1278	Screw	763	Test	1278	Screw
	97	50	1278	Screw	1278	Screw	763	Test	1278	Screw
8”	33	33	848	Screw	848	Screw	419	Test	848	Screw
	43	33	1119	Test	1266	Screw	514	Test	1266	Screw
	54	50	1230	Test	1278	Screw	552	Test	1278	Screw
	68	50	1278	Screw	1278	Screw	624	Test	1278	Screw
	97	50	1278	Screw	1278	Screw	624	Test	1278	Screw

TABLE NOTES:

1 Calculated screw resistances are based on provisions of CSA S136-16 North American Specification for Cold-Formed Steel Structural Members.

2 #10-16 self-drilling HWH screws shall have a nominal shear resistance per screw of 2064 lbs and a nominal tensile resistance per screw of 2373 lbs.

3 To determine the resistance of a given HDSC bracket connection, use the minimum of the jamb and header values. ***For example*** - for a 3-5/8-in HDSC-33 bracket used with a 54-mil 50 ksi jamb and a 97-mil 50 ksi header, the F2 factored resistance is the minimum of 1278 lbs for the jamb and 1001 lbs for the header. Therefore, the factored bracket resistance is ***1001*** lbs.

4 For simultaneous F1 and F2 loading, use the following interaction equation: $(f1/F1)^2 + (f2/F2)^2$
Where f1 and f2 are the factored loads and F1 and F2 are the respective factored resistances.

5 It is the responsibility of the design professional to detail the project drawings for proper HDSC clip installation

Calculated Screw Resistances - HDSC 68 Mil

Stud			Nominal Resistance				Factored Resistance				
			F1		F2			F1		F2	
			Header	Jamb	Header	Jamb		Header	Jamb	Header	Jamb
	Mils	F_y (ksi)	Screw Resistance (lbs)	Screw Resistance (lbs)	Screw Resistance (lbs)	Screw Resistance (lbs)	ϕ	Screw Resistance (lbs)	Screw Resistance (lbs)	Screw Resistance (lbs)	Screw Resistance (lbs)
	33	33	2121	2121	1563	2121	0.40	848	848	625	848
	43	33	3156	3156	2234	3156	0.40	1262	1262	894	1262
	54	50	6410	6410	4393	6410	0.40	2564	2564	1757	2564
	68	50	6576	6576	4785	6576	0.40	2630	2630	1914	2630
	97	50	6576	6576	5423	6576	0.40	2630	2630	2169	2630

Bracket Resistances Based on Tests - HDSC 68 Mil

Stud			F1				F2			
Depth	Mils	F_y (ksi)	Load at 1/8 in. (lbs)	Nominal Resistance (lbs)	ϕ	Factored Resistance (lbs)	Load at 1/8 in. (lbs)	Nominal Resistance (lbs)	ϕ	Factored Resistance (lbs)
3 5/8"	33	33	1432	2273	0.477	1083	694	913	0.477	435
	43	33	1951	3212	0.477	1531	861	1354	0.477	645
	54	50	2459	4012	0.477	1912	1060	1911	0.477	911
	68	50	3014	4683	0.477	2232	1340	2737	0.477	1305
	97	50	3830	4824	0.477	2300	2011	4853	0.477	2314
4"	33	33	1456	2281	0.477	1088	826	1008	0.477	480
	43	33	2028	3335	0.477	1590	1108	1430	0.477	682
	54	50	2581	3360	0.477	1602	1389	1991	0.477	949
	68	50	3174	3869	0.477	1845	1707	2857	0.477	1362
	97	50	3997	4865	0.477	2319	2220	5177	0.477	2468
6"	33	33	1893	2908	0.477	1386	848	1124	0.477	536
	43	33	2504	4197	0.477	2001	1033	1402	0.477	668
	54	50	3109	4516	0.477	2153	1264	2714	0.477	1294
	68	50	3787	5301	0.477	2527	1603	4045	0.477	1928
	97	50	3787	5301	0.477	2527	1603	4045	0.477	1928
8"	33	33	1952	2744	0.477	1308	721	1207	0.477	576
	43	33	2375	3732	0.477	1779	883	1459	0.477	695
	54	50	3044	4705	0.477	2243	1191	2899	0.477	1382
	68	50	3829	5190	0.477	2474	1539	4338	0.477	2068
	97	50	3829	5190	0.477	2474	1539	4338	0.477	2068

HDSC 68 Mil

Stud			Design Factored Bracket Resistances (lbs)							
			F1				F2			
Depth	Mils	F_y (ksi)	Header	Controlling	Jamb	Controlling	Header	Controlling	Jamb	Controlling
3 5/8"	33	33	848	Screw	848	Screw	435	Test	848	Screw
	43	33	1262	Screw	1262	Screw	645	Test	1262	Screw
	54	50	1912	Test	2564	Screw	911	Test	2564	Screw
	68	50	2232	Test	2630	Screw	1305	Test	2630	Screw
	97	50	2300	Test	2630	Screw	2314	Test	2630	Screw
4"	33	33	848	Screw	848	Screw	480	Test	848	Screw
	43	33	1262	Screw	1262	Screw	682	Test	1262	Screw
	54	50	1602	Test	2564	Screw	949	Test	2564	Screw
	68	50	1845	Test	2630	Screw	1362	Test	2630	Screw
	97	50	2319	Test	2630	Screw	2169	Screw	2630	Screw
6"	33	33	848	Screw	848	Screw	536	Test	848	Screw
	43	33	1262	Screw	1262	Screw	668	Test	1262	Screw
	54	50	2153	Test	2564	Screw	1294	Test	2564	Screw
	68	50	2527	Test	2630	Screw	1928	Test	2630	Screw
	97	50	2527	Test	2630	Screw	1928	Test	2630	Screw
8"	33	33	848	Screw	848	Screw	576	Test	848	Screw
	43	33	1262	Screw	1262	Screw	695	Test	1262	Screw
	54	50	2243	Test	2564	Screw	1382	Test	2564	Screw
	68	50	2474	Test	2630	Screw	2068	Test	2630	Screw
	97	50	2474	Test	2630	Screw	2068	Test	2630	Screw

TABLE NOTES:

1 Calculated screw resistances are based on provisions of CSA S136-16 *North American Specification for Cold-Formed Steel Structural Members*.

2 #10-16 self-drilling HWH screws shall have a nominal shear resistance per screw of 2064 lbs and a nominal tensile resistance per screw of 2373 lbs.

3 To determine the resistance of a given HDSC bracket connection, use the minimum of the jamb and header values. ***For example*** - for a 3-5/8-in HDSC-33 bracket used with a 54-mil 50 ksi jamb and a 97-mil 50 ksi header, the F2 factored resistance is the minimum of 2564 lbs for the jamb and 2314 lbs for the header. Therefore, the factored bracket resistance is ***2314*** lbs.

4 For simultaneous F1 and F2 loading, use the following interaction equation: $(f1/F1)^2 + (f2/F2)^2$
Where f1 and f2 are the factored loads and F1 and F2 are the respective factored resistances.

5 It is the responsibility of the design professional to detail the project drawings for proper HDSC clip installation

Calculated Screw Resistances - HDSC 97 Mil

Stud			Nominal Resistance				Factored Resistance				
			F1		F2			F1		F2	
			Header	Jamb	Header	Jamb		Header	Jamb	Header	Jamb
	Mils	F_y (ksi)	Screw Resistance (lbs)	Screw Resistance (lbs)	Screw Resistance (lbs)	Screw Resistance (lbs)	ϕ	Screw Resistance (lbs)	Screw Resistance (lbs)	Screw Resistance (lbs)	Screw Resistance (lbs)
	33	33	2261	2261	1702	2261	0.40	904	904	681	904
	43	33	3365	3365	2428	3365	0.40	1346	1346	971	1346
	54	50	6834	6834	4768	6834	0.40	2734	2734	1907	2734
	68	50	9324	9324	6364	9324	0.40	3730	3730	2546	3730
	97	50	9324	9324	7089	9324	0.40	3730	3730	2836	3730

Bracket Resistances Based on Tests - HDSC 97 Mil

Stud			F1				F2			
Depth	Mils	F_y (ksi)	Load at 1/8 in. (lbs)	Nominal Resistance (lbs)	ϕ	Factored Resistance (lbs)	Load at 1/8 in. (lbs)	Nominal Resistance (lbs)	ϕ	Factored Resistance (lbs)
3 5/8”	33	33	1675	2315	0.477	1104	1123	1256	0.477	599
	43	33	2100	3129	0.477	1492	1146	1689	0.477	805
	54	50	2536	3933	0.477	1875	1305	2338	0.477	1114
	68	50	3052	4830	0.477	2302	1711	3435	0.477	1637
	97	50	3965	6212	0.477	2961	3277	6655	0.477	3173
4”	33	33	1791	2540	0.477	1211	1105	1318	0.477	628
	43	33	2172	3374	0.477	1608	1337	1746	0.477	832
	54	50	2620	4196	0.477	2000	1636	2382	0.477	1136
	68	50	3240	5108	0.477	2435	2087	3449	0.477	1644
	97	50	4687	6502	0.477	3099	3263	6559	0.477	3127
6”	33	33	1880	3015	0.477	1437	870	1294	0.477	617
	43	33	2547	3960	0.477	1888	1141	1761	0.477	840
	54	50	2884	4382	0.477	2089	1615	2770	0.477	1320
	68	50	3450	5133	0.477	2447	2161	3888	0.477	1853
	97	50	3450	5133	0.477	2447	2161	3888	0.477	1853
8”	33	33	1918	3027	0.477	1443	807	1321	0.477	630
	43	33	2591	4297	0.477	2048	998	1696	0.477	808
	54	50	2987	4924	0.477	2347	1400	2964	0.477	1413
	68	50	3610	5990	0.477	2855	1846	4290	0.477	2045
	97	50	3610	5990	0.477	2855	1846	4290	0.477	2045

HDSC 97 Mil

Stud			Design Factored Bracket Resistances (lbs)							
			F1				F2			
Depth	Mils	F_y (ksi)	Header	Controlling	Jamb	Controlling	Header	Controlling	Jamb	Controlling
3 5/8”	33	33	904	Screw	904	Screw	599	Test	904	Screw
	43	33	1346	Screw	1346	Screw	805	Test	1346	Screw
	54	50	1875	Test	2734	Screw	1114	Test	2734	Screw
	68	50	2302	Test	3730	Screw	1637	Test	3730	Screw
	97	50	2961	Test	3730	Screw	2836	Screw	3730	Screw
4”	33	33	904	Screw	904	Screw	628	Test	904	Screw
	43	33	1346	Screw	1346	Screw	832	Test	1346	Screw
	54	50	2000	Test	2734	Screw	1136	Test	2734	Screw
	68	50	2435	Test	3730	Screw	1644	Test	3730	Screw
	97	50	3099	Test	3730	Screw	2836	Screw	3730	Screw
6”	33	33	904	Screw	904	Screw	617	Test	904	Screw
	43	33	1346	Screw	1346	Screw	840	Test	1346	Screw
	54	50	2089	Test	2734	Screw	1320	Test	2734	Screw
	68	50	2447	Test	3730	Screw	1853	Test	3730	Screw
	97	50	2447	Test	3730	Screw	1853	Test	3730	Screw
8”	33	33	904	Screw	904	Screw	630	Test	904	Screw
	43	33	1346	Screw	1346	Screw	808	Test	1346	Screw
	54	50	2347	Test	2734	Screw	1413	Test	2734	Screw
	68	50	2855	Test	3730	Screw	2045	Test	3730	Screw
	97	50	2855	Test	3730	Screw	2045	Test	3730	Screw

TABLE NOTES:

1 Calculated screw resistances are based on provisions of CSA S136-16 North American Specification for Cold-Formed Steel Structural Members.

2 #10-16 self-drilling HWH screws shall have a nominal shear resistance per screw of 2064 lbs and a nominal tensile resistance per screw of 2373 lbs.

3 To determine the resistance of a given HDSC bracket connection, use the minimum of the jamb and header values. ***For example*** - for a 3-5/8-in HDSC-33 bracket used with a 54-mil 50 ksi jamb and a 97-mil 50 ksi header, the F2 factored resistance is the minimum of 2734 lbs for the jamb and 2836 lbs for the header. Therefore, the factored bracket resistance is ***2734x*** lbs.

4 For simultaneous F1 and F2 loading, use the following interaction equation: $(f1/F1)^2 + (f2/F2)^2$
Where f1 and f2 are the factored loads and F1 and F2 are the respective factored resistances.

5 It is the responsibility of the design professional to detail the project drawings for proper HDSC clip installation

Calculated Screw Resistances - HDSC 33 Mil

Stud			Nominal Resistance				Factored Resistance				
			F1		F2			F1		F2	
			Header	Jamb	Header	Jamb		Header	Jamb	Header	Jamb
	Mils	F_y (MPa)	Screw Resistance (kN)	Screw Resistance (kN)	Screw Resistance (kN)	Screw Resistance (kN)	ϕ	Screw Resistance (kN)	Screw Resistance (kN)	Screw Resistance (kN)	Screw Resistance (kN)
	33	230	9.43	9.43	6.95	9.43	0.40	3.77	3.77	2.78	3.77
	43	230	14.1	14.1	10.0	14.1	0.40	5.63	5.63	3.98	5.63
	54	345	14.2	14.2	12.4	14.2	0.40	5.68	5.68	4.96	5.68
	68	345	14.2	14.2	13.8	14.2	0.40	5.68	5.68	5.51	5.68
	97	345	14.2	14.2	16.6	14.2	0.40	5.68	5.68	6.64	5.68

Bracket Resistances Based on Tests - HDSC 33 Mil

Stud			F1				F2			
Depth (mm)	Mils	F_y (MPa)	Load at 0.125 mm (kN)	Nominal Resistance (kN)	ϕ	Factored Resistance (kN)	Load at 0.125 mm (kN)	Nominal Resistance (kN)	ϕ	Factored Resistance (kN)
92	33	230	5.33	7.79	0.477	3.72	1.45	2.94	0.477	1.40
	43	230	6.06	8.63	0.477	4.11	1.81	3.65	0.477	1.74
	54	345	6.91	9.55	0.477	4.55	2.19	4.55	0.477	2.17
	68	345	8.07	10.7	0.477	5.12	2.66	5.89	0.477	2.81
	97	345	10.8	13.3	0.477	6.34	3.59	9.34	0.477	4.45
102	33	230	5.36	8.06	0.477	3.84	1.45	3.37	0.477	1.61
	43	230	6.50	11.3	0.477	5.40	1.70	4.23	0.477	2.02
	54	345	7.71	11.1	0.477	5.31	2.00	5.38	0.477	2.56
	68	345	9.03	12.5	0.477	5.95	2.42	6.75	0.477	3.22
	97	345	12.0	15.1	0.477	7.19	3.45	9.62	0.477	4.58
152	33	230	7.02	9.30	0.477	4.43	1.53	3.26	0.477	1.56
	43	230	8.48	12.7	0.477	6.05	1.76	5.24	0.477	2.50
	54	345	10.2	12.6	0.477	6.01	2.09	6.60	0.477	3.15
	68	345	12.4	13.8	0.477	6.58	2.63	7.12	0.477	3.39
	97	345	12.4	13.8	0.477	6.58	2.63	7.12	0.477	3.39
203	33	230	6.97	9.36	0.477	4.46	1.49	3.91	0.477	1.86
	43	230	8.76	10.4	0.477	4.98	1.74	4.80	0.477	2.29
	54	345	10.5	11.5	0.477	5.47	2.23	5.16	0.477	2.46
	68	345	12.2	12.6	0.477	6.00	2.79	5.82	0.477	2.78
	97	345	12.2	12.6	0.477	6.00	2.79	5.82	0.477	2.78

HDSC 33 Mil

Stud			Design Factored Bracket Resistances (kN)							
			F1				F2			
Depth (mm)	Mils	F_y (MPa)	Header	Controlling	Jamb	Controlling	Header	Controlling	Jamb	Controlling
92	33	230	3.72	Test	3.77	Screw	1.40	Test	3.77	Screw
	43	230	4.11	Test	5.63	Screw	1.74	Test	5.63	Screw
	54	345	4.55	Test	5.68	Screw	2.17	Test	5.68	Screw
	68	345	5.12	Test	5.68	Screw	2.81	Test	5.68	Screw
	97	345	5.68	Screw	5.68	Screw	4.45	Test	5.68	Screw
102	33	230	3.77	Screw	3.77	Screw	1.61	Test	3.77	Screw
	43	230	5.40	Test	5.63	Screw	2.02	Test	5.63	Screw
	54	345	5.31	Test	5.68	Screw	2.56	Test	5.68	Screw
	68	345	5.68	Screw	5.68	Screw	3.22	Test	5.68	Screw
	97	345	5.68	Screw	5.68	Screw	4.58	Test	5.68	Screw
152	33	230	3.77	Screw	3.77	Screw	1.56	Test	3.77	Screw
	43	230	5.63	Screw	5.63	Screw	2.50	Test	5.63	Screw
	54	345	5.68	Screw	5.68	Screw	3.15	Test	5.68	Screw
	68	345	5.68	Screw	5.68	Screw	3.39	Test	5.68	Screw
	97	345	5.68	Screw	5.68	Screw	3.39	Test	5.68	Screw
203	33	230	3.77	Screw	3.77	Screw	1.86	Test	3.77	Screw
	43	230	4.98	Test	5.63	Screw	2.29	Test	5.63	Screw
	54	345	5.47	Test	5.68	Screw	2.46	Test	5.68	Screw
	68	345	5.68	Screw	5.68	Screw	2.78	Test	5.68	Screw
	97	345	5.68	Screw	5.68	Screw	2.78	Test	5.68	Screw

TABLE NOTES:

1 Calculated screw resistances are based on provisions of CSA S136-16 *North American Specification for Cold-Formed Steel Structural Members*.

2 #10-16 self-drilling HWH screws shall have a nominal shear resistance per screw of 9.18 kN and a nominal tensile resistance per screw of 10.6 kN.

3 To determine the resistance of a given HDSC bracket connection, use the minimum of the jamb and header values. ***For example*** - for a 92 mm HDSC-33 bracket used with a 54-mil 345 MPa jamb and a 97-mil 345 MPa header, the F2 factored resistance is the minimum of 5.68 kN for the jamb and 4.45 kN for the header. Therefore, the factored bracket resistance is ***4.45*** kN.

4 For simultaneous F1 and F2 loading, use the following interaction equation: $(f1/F1)^2 + (f2/F2)^2$
Where f1 and f2 are the factored loads and F1 and F2 are the respective factored resistances.

5 It is the responsibility of the design professional to detail the project drawings for proper HDSC clip installation

Calculated Screw Resistances - HDSC 68 Mil

Stud			Nominal Resistance				Factored Resistance				
			F1		F2			F1		F2	
			Header	Jamb	Header	Jamb		Header	Jamb	Header	Jamb
	Mils	F_y (MPa)	Screw Resistance (kN)	Screw Resistance (kN)	Screw Resistance (kN)	Screw Resistance (kN)	ϕ	Screw Resistance (kN)	Screw Resistance (kN)	Screw Resistance (kN)	Screw Resistance (kN)
	33	230	9.43	9.43	6.95	9.43	0.40	3.77	3.77	2.78	3.77
	43	230	14.0	14.0	9.94	14.0	0.40	5.62	5.62	3.97	5.62
	54	345	28.5	28.5	19.5	28.5	0.40	11.4	11.4	7.82	11.4
	68	345	29.3	29.3	21.3	29.3	0.40	11.7	11.7	8.51	11.7
	97	345	29.3	29.3	24.1	29.3	0.40	11.7	11.7	9.65	11.7

Bracket Resistances Based on Tests - HDSC 68 Mil

Stud			F1				F2			
Depth (mm)	Mils	F_y (MPa)	Load at 0.125 mm (kN)	Nominal Resistance (kN)	ϕ	Factored Resistance (kN)	Load at 0.125 mm (kN)	Nominal Resistance (kN)	ϕ	Factored Resistance (kN)
92	33	230	6.37	10.1	0.477	4.82	3.09	4.06	0.477	1.94
	43	230	8.68	14.3	0.477	6.81	3.83	6.02	0.477	2.87
	54	345	10.9	17.8	0.477	8.51	4.72	8.50	0.477	4.05
	68	345	13.4	20.8	0.477	9.93	5.96	12.2	0.477	5.80
	97	345	17.0	21.5	0.477	10.2	8.94	21.6	0.477	10.3
102	33	230	6.48	10.1	0.477	4.84	3.68	4.48	0.477	2.14
	43	230	9.02	14.8	0.477	7.07	4.93	6.36	0.477	3.03
	54	345	11.5	14.9	0.477	7.12	6.18	8.86	0.477	4.22
	68	345	14.1	17.2	0.477	8.21	7.59	12.7	0.477	6.06
	97	345	17.8	21.6	0.477	10.3	9.87	23.0	0.477	11.0
152	33	230	8.42	12.9	0.477	6.17	3.77	5.00	0.477	2.38
	43	230	11.1	18.7	0.477	8.90	4.60	6.23	0.477	2.97
	54	345	13.8	20.1	0.477	9.58	5.62	12.1	0.477	5.76
	68	345	16.8	23.6	0.477	11.2	7.13	18.0	0.477	8.58
	97	345	16.8	23.6	0.477	11.2	7.13	18.0	0.477	8.58
203	33	230	8.68	12.2	0.477	5.82	3.20	5.37	0.477	2.56
	43	230	10.6	16.6	0.477	7.91	3.93	6.49	0.477	3.09
	54	345	13.5	20.9	0.477	9.98	5.30	12.9	0.477	6.15
	68	345	17.0	23.1	0.477	11.0	6.85	19.3	0.477	9.20
	97	345	17.0	23.1	0.477	11.0	6.85	19.3	0.477	9.20

HDSC 68 Mil

Stud			Design Factored Bracket Resistances (kN)							
			F1				F2			
Depth (mm)	Mils	F_y (MPa)	Header	Controlling	Jamb	Controlling	Header	Controlling	Jamb	Controlling
92	33	230	3.77	Screw	3.77	Screw	1.94	Test	3.77	Screw
	43	230	5.62	Screw	5.62	Screw	2.87	Test	5.62	Screw
	54	345	8.51	Test	11.4	Screw	4.05	Test	11.4	Screw
	68	345	9.93	Test	11.7	Screw	5.80	Test	11.7	Screw
	97	345	10.2	Test	11.7	Screw	10.3	Test	11.7	Screw
102	33	230	3.77	Screw	3.77	Screw	2.14	Test	3.77	Screw
	43	230	5.62	Screw	5.62	Screw	3.03	Test	5.62	Screw
	54	345	7.12	Test	11.4	Screw	4.22	Test	11.4	Screw
	68	345	8.21	Test	11.7	Screw	6.06	Test	11.7	Screw
	97	345	10.3	Test	11.7	Screw	9.65	Screw	11.7	Screw
152	33	230	3.77	Screw	3.77	Screw	2.38	Test	3.77	Screw
	43	230	5.62	Screw	5.62	Screw	2.97	Test	5.62	Screw
	54	345	9.58	Test	11.4	Screw	5.76	Test	11.4	Screw
	68	345	11.2	Test	11.7	Screw	8.58	Test	11.7	Screw
	97	345	11.2	Test	11.7	Screw	8.58	Test	11.7	Screw
203	33	230	3.77	Screw	3.77	Screw	2.56	Test	3.77	Screw
	43	230	5.62	Screw	5.62	Screw	3.09	Test	5.62	Screw
	54	345	9.98	Test	11.4	Screw	6.15	Test	11.4	Screw
	68	345	11.0	Test	11.7	Screw	9.20	Test	11.7	Screw
	97	345	11.0	Test	11.7	Screw	9.20	Test	11.7	Screw

TABLE NOTES:

1 Calculated screw resistances are based on provisions of CSA S136-16 *North American Specification for Cold-Formed Steel Structural Members*.

2 #10-16 self-drilling HWH screws shall have a nominal shear resistance per screw of 9.18 kN and a nominal tensile resistance per screw of 10.6 kN.

3 To determine the resistance of a given HDSC bracket connection, use the minimum of the jamb and header values. ***For example*** - for a 92 mm HDSC-68 bracket used with a 54-mil 345 MPa jamb and a 97-mil 345 MPa header, the F2 factored resistance is the minimum of 11.4 kN for the jamb and 10.3 kN for the header. Therefore, the factored bracket resistance is ***10.3*** kN.

4 For simultaneous F1 and F2 loading, use the following interaction equation: $(f1/F1)^2 + (f2/F2)^2$
Where f1 and f2 are the factored loads and F1 and F2 are the respective factored resistances.

5 It is the responsibility of the design professional to detail the project drawings for proper HDSC clip installation

Calculated Screw Resistances - HDSC 97 Mil

Stud			Nominal Resistance				Factored Resistance				
			F1		F2			F1		F2	
			Header	Jamb	Header	Jamb		Header	Jamb	Header	Jamb
	Mils	F_y (MPa)	Screw Resistance (kN)	Screw Resistance (kN)	Screw Resistance (kN)	Screw Resistance (kN)	ϕ	Screw Resistance (kN)	Screw Resistance (kN)	Screw Resistance (kN)	Screw Resistance (kN)
	33	230	10.1	10.1	7.57	10.1	0.40	4.02	4.02	3.03	4.02
	43	230	15.0	15.0	10.8	15.0	0.40	5.99	5.99	4.32	5.99
	54	345	30.4	30.4	21.2	30.4	0.40	12.2	12.2	8.48	12.2
	68	345	41.5	41.5	28.3	41.5	0.40	16.6	16.6	11.3	16.6
	97	345	41.5	41.5	31.5	41.5	0.40	16.6	16.6	12.6	16.6

Bracket Resistances Based on Tests - HDSC 97 Mil

Stud			F1				F2			
Depth (mm)	Mils	F_y (MPa)	Load at 0.125 mm (kN)	Nominal Resistance (kN)	ϕ	Factored Resistance (kN)	Load at 0.125 mm (kN)	Nominal Resistance (kN)	ϕ	Factored Resistance (kN)
92	33	230	7.45	10.3	0.477	4.91	5.00	5.59	0.477	2.66
	43	230	9.34	13.9	0.477	6.63	5.10	7.51	0.477	3.58
	54	345	11.3	17.5	0.477	8.34	5.80	10.4	0.477	4.96
	68	345	13.6	21.5	0.477	10.2	7.61	15.3	0.477	7.28
	97	345	17.6	27.6	0.477	13.2	14.6	29.6	0.477	14.1
102	33	230	7.97	11.3	0.477	5.39	4.91	5.86	0.477	2.79
	43	230	9.66	15.0	0.477	7.15	5.95	7.77	0.477	3.70
	54	345	11.7	18.7	0.477	8.90	7.28	10.6	0.477	5.05
	68	345	14.4	22.7	0.477	10.8	9.28	15.3	0.477	7.31
	97	345	20.8	28.9	0.477	13.8	14.5	29.2	0.477	13.9
152	33	230	8.36	13.4	0.477	6.39	3.87	5.76	0.477	2.74
	43	230	11.3	17.6	0.477	8.40	5.07	7.83	0.477	3.73
	54	345	12.8	19.5	0.477	9.29	7.19	12.3	0.477	5.87
	68	345	15.3	22.8	0.477	10.9	9.61	17.3	0.477	8.24
	97	345	15.3	22.8	0.477	10.9	9.61	17.3	0.477	8.24
203	33	230	8.53	13.5	0.477	6.42	3.59	5.88	0.477	2.80
	43	230	11.5	19.1	0.477	9.11	4.44	7.54	0.477	3.60
	54	345	13.3	21.9	0.477	10.4	6.23	13.2	0.477	6.29
	68	345	16.1	26.6	0.477	12.7	8.21	19.1	0.477	9.10
	97	345	16.1	26.6	0.477	12.7	8.21	19.1	0.477	9.10

HDSC 97 Mil

Stud			Design Factored Bracket Resistances (kN)							
			F1				F2			
Depth (mm)	Mils	F_y (MPa)	Header	Controlling	Jamb	Controlling	Header	Controlling	Jamb	Controlling
92	33	230	4.02	Screw	4.02	Screw	2.66	Test	4.02	Screw
	43	230	5.99	Screw	5.99	Screw	3.58	Test	5.99	Screw
	54	345	8.34	Test	12.2	Screw	4.96	Test	12.2	Screw
	68	345	10.2	Test	16.6	Screw	7.28	Test	16.6	Screw
	97	345	13.2	Test	16.6	Screw	12.6	Screw	16.6	Screw
102	33	230	4.02	Screw	4.02	Screw	2.79	Test	4.02	Screw
	43	230	5.99	Screw	5.99	Screw	3.70	Test	5.99	Screw
	54	345	8.90	Test	12.2	Screw	5.05	Test	12.2	Screw
	68	345	10.8	Test	16.6	Screw	7.31	Test	16.6	Screw
	97	345	13.8	Test	16.6	Screw	12.6	Screw	16.6	Screw
152	33	230	4.02	Screw	4.02	Screw	2.74	Test	4.02	Screw
	43	230	5.99	Screw	5.99	Screw	3.73	Test	5.99	Screw
	54	345	9.29	Test	12.2	Screw	5.87	Test	12.2	Screw
	68	345	10.9	Test	16.6	Screw	8.24	Test	16.6	Screw
	97	345	10.9	Test	16.6	Screw	8.24	Test	16.6	Screw
203	33	230	4.02	Screw	4.02	Screw	2.80	Test	4.02	Screw
	43	230	5.99	Screw	5.99	Screw	3.60	Test	5.99	Screw
	54	345	10.4	Test	12.2	Screw	6.29	Test	12.2	Screw
	68	345	12.7	Test	16.6	Screw	9.10	Test	16.6	Screw
	97	345	12.7	Test	16.6	Screw	9.10	Test	16.6	Screw

TABLE NOTES:

1 Calculated screw resistances are based on provisions of CSA S136-16 *North American Specification for Cold-Formed Steel Structural Members*.

2 #10-16 self-drilling HWH screws shall have a nominal shear resistance per screw of 9.18 kN and a nominal tensile resistance per screw of 10.6 kN.

3 To determine the resistance of a given HDSC bracket connection, use the minimum of the jamb and header values. ***For example*** - for a 92 mm HDSC-33 bracket used with a 54-mil 345 MPa jamb and a 97-mil 345 MPa header, the F2 factored resistance is the minimum of 12.2 kN for the jamb and 12.6 kN for the header. Therefore, the factored bracket resistance is ***12.2*** kN.

4 For simultaneous F1 and F2 loading, use the following interaction equation: $(f1/F1)^2 + (f2/F2)^2$
Where f1 and f2 are the factored loads and F1 and F2 are the respective factored resistances.

5 It is the responsibility of the design professional to detail the project drawings for proper HDSC clip installation

BAILEY®
METAL PRODUCTS LIMITED

(IMPERIAL)

HEADER SPANS FOR **INTERIOR** OPENINGS (ft)

(Specified Wind Load = 5.2 psf; Wall Dead Load = 10 psf; Sill Height = 0 in.; I_w = 1)

WALL HEIGHT (ft)	HEADER SIZE (in.)	MEMBER DESIGNATION	L/120			L/240			L/360		
			OPENING HEIGHT (ft)								
			7	8	9	7	8	9	7	8	9
9'-0"	3-5/8"	362RH300-33	10'-3" [1]	11'-11" [2]	-	10'-3" [1]	11'-11" [2]	-	10'-3" [1]	11'-5" [2]	-
		362RH300-43	11'-10" [2]	13'-7" [2]	-	11'-10" [2]	13'-7" [2]	-	11'-10" [2]	12'-8" [2]	-
		362RH300-54	12'-8" [2]	15'-1" [2]	-	12'-8" [2]	15'-1" [2]	-	12'-8" [2]	13'-8" [2]	-
		362RH300-68	13'-6" [2]	16'-1" [2]	-	13'-6" [2]	16'-1" [2]	-	13'-6" [2]	14'-10" [2]	-
		362RH300-97	14'-8" [2]	17'-5" [2]	-	14'-8" [2]	17'-5" [2]	-	14'-8" [2]	16'-6" [2]	-
		362RH350-54	13'-10" [2]	16'-6" [2]	-	13'-10" [2]	16'-6" [2]	-	13'-10" [2]	14'-1" [2]	-
		362RH350-68	14'-10" [2]	17'-7" [2]	-	14'-10" [2]	17'-7" [2]	-	14'-10" [2]	15'-5" [2]	-
		362RH350-97	16'-1" [2]	19'-2" [2]	-	16'-1" [2]	19'-2" [2]	-	16'-1" [2]	17'-2" [2]	-
	4"	400RH300-33	10'-7" [1]	12'-4" [1]	-	10'-7" [1]	12'-4" [1]	-	10'-7" [1]	12'-4" [1]	-
		400RH300-43	12'-0" [2]	14'-4" [2]	-	12'-0" [2]	14'-4" [2]	-	12'-0" [2]	13'-8" [2]	-
		400RH300-54	12'-9" [2]	15'-2" [2]	-	12'-9" [2]	15'-2" [2]	-	12'-9" [2]	14'-9" [2]	-
		400RH300-68	13'-8" [2]	16'-3" [2]	-	13'-8" [2]	16'-3" [2]	-	13'-8" [2]	16'-0" [2]	-
		400RH300-97	14'-10" [2]	17'-7" [2]	-	14'-10" [2]	17'-7" [2]	-	14'-10" [2]	17'-7" [2]	-
		400RH350-54	14'-0" [2]	16'-8" [2]	-	14'-0" [2]	16'-8" [2]	-	14'-0" [2]	15'-2" [2]	-
		400RH350-68	14'-11" [2]	17'-9" [2]	-	14'-11" [2]	17'-9" [2]	-	14'-11" [2]	16'-7" [2]	-
		400RH350-97	16'-3" [2]	19'-4" [2]	-	16'-3" [2]	19'-4" [2]	-	16'-3" [2]	18'-6" [2]	-
	6"	600RH300-33	11'-3" [1]	13'-5" [1]	-	11'-3" [1]	13'-5" [1]	-	11'-3" [1]	13'-5" [1]	-
		600RH300-43	12'-5" [1]	14'-9" [1]	-	12'-5" [1]	14'-9" [1]	-	12'-5" [1]	14'-9" [1]	-
		600RH300-54	13'-3" [1]	15'-9" [1]	-	13'-3" [1]	15'-9" [1]	-	13'-3" [1]	15'-9" [1]	-
		600RH300-68	14'-2" [1]	16'-10" [1]	-	14'-2" [1]	16'-10" [1]	-	14'-2" [1]	16'-10" [1]	-
		600RH300-97	15'-5" [1]	18'-4" [2]	-	15'-5" [1]	18'-4" [2]	-	15'-5" [1]	18'-4" [2]	-
		600RH350-54	14'-6" [1]	17'-4" [1]	-	14'-6" [1]	17'-4" [1]	-	14'-6" [1]	17'-4" [1]	-
		600RH350-68	15'-6" [1]	18'-6" [2]	-	15'-6" [1]	18'-6" [2]	-	15'-6" [1]	18'-6" [2]	-
		600RH350-97	16'-11" [2]	20'-1" [2]	-	16'-11" [2]	20'-1" [2]	-	16'-11" [2]	20'-1" [2]	-
	8"	800RH300-43	12'-8" [1]	15'-1" [1]	-	12'-8" [1]	15'-1" [1]	-	12'-8" [1]	15'-1" [1]	-
		800RH300-54	13'-7" [1]	16'-2" [1]	-	13'-7" [1]	16'-2" [1]	-	13'-7" [1]	16'-2" [1]	-
		800RH300-68	14'-6" [1]	17'-3" [1]	-	14'-6" [1]	17'-3" [1]	-	14'-6" [1]	17'-3" [1]	-
		800RH300-97	15'-9" [1]	18'-9" [1]	-	15'-9" [1]	18'-9" [1]	-	15'-9" [1]	18'-9" [1]	-
		800RH350-54	14'-11" [1]	17'-9" [1]	-	14'-11" [1]	17'-9" [1]	-	14'-11" [1]	17'-9" [1]	-
		800RH350-68	15'-11" [1]	18'-11" [1]	-	15'-11" [1]	18'-11" [1]	-	15'-11" [1]	18'-11" [1]	-
		800RH350-97	17'-4" [1]	20'-7" [1]	-	17'-4" [1]	20'-7" [1]	-	17'-4" [1]	20'-7" [1]	-
11'-0"	3-5/8"	362RH300-33	8'-0" [1]	8'-9" [2]	9'-9" [2]	8'-0" [1]	8'-9" [2]	9'-9" [2]	8'-0" [1]	8'-9" [2]	9'-9" [2]
		362RH300-43	9'-4" [2]	10'-2" [2]	11'-2" [2]	9'-4" [2]	10'-2" [2]	11'-2" [2]	9'-4" [2]	10'-2" [2]	11'-2" [2]
		362RH300-54	10'-8" [2]	11'-5" [2]	12'-8" [2]	10'-8" [2]	11'-5" [2]	12'-8" [2]	10'-8" [2]	11'-5" [2]	12'-8" [2]
		362RH300-68	11'-4" [2]	12'-2" [2]	13'-6" [2]	11'-4" [2]	12'-2" [2]	13'-6" [2]	11'-4" [2]	12'-2" [2]	13'-6" [2]
		362RH300-97	12'-4" [2]	13'-3" [2]	14'-8" [2]	12'-4" [2]	13'-3" [2]	14'-8" [2]	12'-4" [2]	13'-3" [2]	14'-8" [2]
		362RH350-54	11'-8" [2]	12'-6" [2]	13'-10" [2]	11'-8" [2]	12'-6" [2]	13'-10" [2]	11'-8" [2]	12'-6" [2]	13'-2" [2]
		362RH350-68	12'-5" [2]	13'-5" [2]	14'-10" [2]	12'-5" [2]	13'-5" [2]	14'-10" [2]	12'-5" [2]	13'-5" [2]	14'-5" [2]
		362RH350-97	13'-6" [2]	14'-6" [2]	16'-1" [2]	13'-6" [2]	14'-6" [2]	16'-1" [2]	13'-6" [2]	14'-6" [2]	16'-1" [2]
	4"	400RH300-33	8'-3" [1]	9'-0" [1]	10'-1" [2]	8'-3" [1]	9'-0" [1]	10'-1" [2]	8'-3" [1]	9'-0" [1]	10'-1" [2]
		400RH300-43	9'-10" [2]	10'-9" [2]	12'-0" [2]	9'-10" [2]	10'-9" [2]	12'-0" [2]	9'-10" [2]	10'-9" [2]	12'-0" [2]
		400RH300-54	10'-9" [2]	11'-6" [2]	12'-9" [2]	10'-9" [2]	11'-6" [2]	12'-9" [2]	10'-9" [2]	11'-6" [2]	12'-9" [2]
		400RH300-68	11'-6" [2]	12'-4" [2]	13'-8" [2]	11'-6" [2]	12'-4" [2]	13'-8" [2]	11'-6" [2]	12'-4" [2]	13'-8" [2]
		400RH300-97	12'-5" [2]	13'-4" [2]	14'-10" [2]	12'-5" [2]	13'-4" [2]	14'-10" [2]	12'-5" [2]	13'-4" [2]	14'-10" [2]
		400RH350-54	11'-9" [2]	12'-8" [2]	14'-0" [2]	11'-9" [2]	12'-8" [2]	14'-0" [2]	11'-9" [2]	12'-8" [2]	14'-0" [2]
		400RH350-68	12'-7" [2]	13'-6" [2]	14'-11" [2]	12'-7" [2]	13'-6" [2]	14'-11" [2]	12'-7" [2]	13'-6" [2]	14'-11" [2]
		400RH350-97	13'-8" [2]	14'-8" [2]	16'-3" [2]	13'-8" [2]	14'-8" [2]	16'-3" [2]	13'-8" [2]	14'-8" [2]	16'-3" [2]
	6"	600RH300-33	8'-8" [1]	9'-8" [1]	11'-1" [1]	8'-8" [1]	9'-8" [1]	11'-1" [1]	8'-8" [1]	9'-8" [1]	11'-1" [1]
		600RH300-43	10'-5" [1]	11'-3" [1]	12'-5" [1]	10'-5" [1]	11'-3" [1]	12'-5" [1]	10'-5" [1]	11'-3" [1]	12'-5" [1]
		600RH300-54	11'-2" [2]	12'-0" [1]	13'-3" [1]	11'-2" [2]	12'-0" [1]	13'-3" [1]	11'-2" [2]	12'-0" [1]	13'-3" [1]
		600RH300-68	11'-11" [2]	12'-10" [2]	14'-2" [2]	11'-11" [2]	12'-10" [2]	14'-2" [2]	11'-11" [2]	12'-10" [2]	14'-2" [2]
		600RH300-97	12'-11" [2]	13'-11" [2]	15'-5" [2]	12'-11" [2]	13'-11" [2]	15'-5" [2]	12'-11" [2]	13'-11" [2]	15'-5" [2]
		600RH350-54	12'-3" [2]	13'-2" [2]	14'-6" [2]	12'-3" [2]	13'-2" [2]	14'-6" [2]	12'-3" [2]	13'-2" [2]	14'-6" [2]
		600RH350-68	13'-1" [2]	14'-0" [2]	15'-6" [2]	13'-1" [2]	14'-0" [2]	15'-6" [2]	13'-1" [2]	14'-0" [2]	15'-6" [2]
		600RH350-97	14'-2" [2]	15'-3" [2]	16'-11" [2]	14'-2" [2]	15'-3" [2]	16'-11" [2]	14'-2" [2]	15'-3" [2]	16'-11" [2]
	8"	800RH300-43	10'-8" [1]	11'-6" [1]	12'-8" [1]	10'-8" [1]	11'-6" [1]	12'-8" [1]	10'-8" [1]	11'-6" [1]	12'-8" [1]
		800RH300-54	11'-5" [1]	12'-3" [1]	13'-7" [1]	11'-5" [1]	12'-3" [1]	13'-7" [1]	11'-5" [1]	12'-3" [1]	13'-7" [1]
		800RH300-68	12'-3" [2]	13'-1" [1]	14'-6" [1]	12'-3" [2]	13'-1" [1]	14'-6" [1]	12'-3" [2]	13'-1" [1]	14'-6" [1]
		800RH300-97	13'-3" [2]	14'-3" [2]	15'-9" [2]	13'-3" [2]	14'-3" [2]	15'-9" [2]	13'-3" [2]	14'-3" [2]	15'-9" [2]
		800RH350-54	12'-6" [2]	13'-5" [2]	14'-11" [1]	12'-6" [2]	13'-5" [2]	14'-11" [1]	12'-6" [2]	13'-5" [2]	14'-11" [1]
		800RH350-68	13'-5" [2]	14'-5" [2]	15'-11" [2]	13'-5" [2]	14'-5" [2]	15'-11" [2]	13'-5" [2]	14'-5" [2]	15'-11" [2]
		800RH350-97	14'-7" [2]	15'-8" [2]	17'-4" [2]	14'-7" [2]	15'-8" [2]	17'-4" [2]	14'-7" [2]	15'-8" [2]	17'-4" [2]

SPAN NOTES:

1 Use 33 mil HDSC™ Clip with a 4/4 screw pattern.
2 Use 68 mil HDSC™ Clip with a 4/4 screw pattern.

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 All headers require the attachment of the HDSC™ Clip at each end with headers installed leg up.
3 Recommended HDSC™ clip attachments above are based on jamb stud thicknesses being equal to or greater than header thicknesses.
4 Header framing is calculated with a sill height of 0" for worst case design.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136.
6 For deflection calculations, the effective moment of inertia is based on an assumed stress of $0.6*F_y$.
7 For ***interior*** framing, lateral deflection calculations are based on I_w = 1.0.
8 Dead load deflection calculations are limited to L/240 or 1/2" max. deflection.
9 Header lengths should be ordered ***1/2"*** shorter to fit inside clips.

(IMPERIAL)

HEADER SPANS FOR **INTERIOR** OPENINGS (ft)

(Specified Wind Load = 5.2 psf; Wall Dead Load = 10 psf; Sill Height = 0 in.; I_w = 1)

WALL HEIGHT (ft)	HEADER SIZE (in.)	MEMBER DESIGNATION	L/120			L/240			L/360		
			OPENING HEIGHT (ft)								
			7	8	9	7	8	9	7	8	9
13'-0"	3-5/8"	362RH300-33	6'-10" [2]	7'-3" [2]	7'-9" [2]	6'-10" [2]	6'-11" [2]	7'-6" [2]	6'-10" [2]	6'-1" [2]	6'-6" [2]
		362RH300-43	7'-11" [2]	8'-5" [2]	9'-0" [2]	7'-11" [2]	7'-9" [2]	8'-4" [2]	7'-11" [2]	6'-9" [2]	7'-3" [2]
		362RH300-54	9'-6" [2]	10'-1" [2]	10'-8" [2]	9'-6" [2]	8'-4" [2]	8'-11" [2]	9'-6" [2]	7'-3" [2]	7'-10" [2]
		362RH300-68	10'-3" [2]	10'-9" [2]	11'-4" [2]	10'-3" [2]	9'-0" [2]	9'-9" [2]	10'-3" [2]	7'-10" [2]	8'-6" [2]
		362RH300-97	11'-1" [2]	11'-8" [2]	12'-4" [2]	11'-1" [2]	10'-0" [2]	10'-10" [2]	11'-1" [2]	8'-9" [2]	9'-5" [2]
		362RH350-54	10'-6" [2]	11'-0" [2]	11'-8" [2]	10'-6" [2]	8'-7" [2]	9'-2" [2]	10'-2" [2]	7'-6" [2]	8'-0" [2]
		362RH350-68	11'-3" [2]	11'-9" [2]	12'-5" [2]	11'-3" [2]	9'-4" [2]	10'-1" [2]	11'-1" [2]	8'-2" [2]	8'-10" [2]
		362RH350-97	12'-2" [2]	12'-9" [2]	13'-6" [2]	12'-2" [2]	10'-5" [2]	11'-3" [2]	12'-2" [2]	9'-1" [2]	9'-10" [2]
	4"	400RH300-33	6'-11" [2]	7'-5" [2]	8'-0" [2]	6'-11" [2]	7'-5" [2]	8'-0" [2]	6'-11" [2]	6'-6" [2]	7'-0" [2]
		400RH300-43	8'-4" [2]	8'-10" [2]	9'-6" [2]	8'-4" [2]	8'-4" [2]	8'-11" [2]	8'-4" [2]	7'-3" [2]	7'-10" [2]
		400RH300-54	9'-7" [2]	10'-2" [2]	10'-9" [2]	9'-7" [2]	8'-11" [2]	9'-8" [2]	9'-7" [2]	7'-10" [2]	8'-5" [2]
		400RH300-68	10'-4" [2]	10'-10" [2]	11'-6" [2]	10'-4" [2]	9'-9" [2]	10'-6" [2]	10'-4" [2]	8'-6" [2]	9'-2" [2]
		400RH300-97	11'-3" [2]	11'-9" [2]	12'-5" [2]	11'-3" [2]	10'-10" [2]	11'-8" [2]	11'-3" [2]	9'-5" [2]	10'-2" [2]
		400RH350-54	10'-8" [2]	11'-2" [2]	11'-9" [2]	10'-8" [2]	9'-2" [2]	9'-11" [2]	10'-8" [2]	8'-0" [2]	8'-8" [2]
		400RH350-68	11'-4" [2]	11'-11" [2]	12'-7" [2]	11'-4" [2]	10'-1" [2]	10'-10" [2]	11'-4" [2]	8'-10" [2]	9'-6" [2]
		400RH350-97	12'-4" [2]	12'-11" [2]	13'-8" [2]	12'-4" [2]	11'-3" [2]	12'-1" [2]	12'-4" [2]	9'-10" [2]	10'-7" [2]
	6"	600RH300-33	7'-3" [1]	7'-10" [1]	8'-6" [1]	7'-3" [1]	7'-10" [1]	8'-6" [1]	7'-3" [1]	7'-10" [1]	8'-6" [1]
		600RH300-43	8'-9" [1]	9'-5" [1]	10'-3" [1]	8'-9" [1]	9'-5" [1]	10'-3" [1]	8'-9" [1]	9'-5" [1]	10'-3" [1]
		600RH300-54	10'-1" [2]	10'-6" [2]	11'-2" [2]	10'-1" [2]	10'-6" [2]	11'-2" [2]	10'-1" [2]	10'-6" [2]	11'-2" [2]
		600RH300-68	10'-9" [2]	11'-3" [2]	11'-11" [2]	10'-9" [2]	11'-3" [2]	11'-11" [2]	10'-9" [2]	11'-3" [2]	11'-11" [2]
		600RH300-97	11'-8" [2]	12'-3" [2]	12'-11" [2]	11'-8" [2]	12'-3" [2]	12'-11" [2]	11'-8" [2]	12'-3" [2]	12'-11" [2]
		600RH350-54	11'-0" [2]	11'-7" [2]	12'-3" [2]	11'-0" [2]	11'-7" [2]	12'-3" [2]	11'-0" [2]	10'-11" [2]	11'-9" [2]
		600RH350-68	11'-9" [2]	12'-4" [2]	13'-1" [2]	11'-9" [2]	12'-4" [2]	13'-1" [2]	11'-9" [2]	11'-11" [2]	12'-11" [2]
		600RH350-97	12'-10" [2]	13'-5" [2]	14'-2" [2]	12'-10" [2]	13'-5" [2]	14'-2" [2]	12'-10" [2]	13'-5" [2]	14'-2" [2]
	8"	800RH300-43	8'-11" [1]	9'-7" [1]	10'-6" [1]	8'-11" [1]	9'-7" [1]	10'-6" [1]	8'-11" [1]	9'-7" [1]	10'-6" [1]
		800RH300-54	10'-4" [2]	10'-9" [2]	11'-5" [2]	10'-4" [2]	10'-9" [2]	11'-5" [2]	10'-4" [2]	10'-9" [2]	11'-5" [2]
		800RH300-68	11'-0" [2]	11'-7" [2]	12'-3" [2]	11'-0" [2]	11'-7" [2]	12'-3" [2]	11'-0" [2]	11'-7" [2]	12'-3" [2]
		800RH300-97	12'-0" [2]	12'-7" [2]	13'-3" [2]	12'-0" [2]	12'-7" [2]	13'-3" [2]	12'-0" [2]	12'-7" [2]	13'-3" [2]
		800RH350-54	11'-4" [2]	11'-10" [2]	12'-6" [2]	11'-4" [2]	11'-10" [2]	12'-6" [2]	11'-4" [2]	11'-10" [2]	12'-6" [2]
		800RH350-68	12'-1" [2]	12'-8" [2]	13'-5" [2]	12'-1" [2]	12'-8" [2]	13'-5" [2]	12'-1" [2]	12'-8" [2]	13'-5" [2]
		800RH350-97	13'-2" [2]	13'-9" [2]	14'-7" [2]	13'-2" [2]	13'-9" [2]	14'-7" [2]	13'-2" [2]	13'-9" [2]	14'-7" [2]
15'-0"	3-5/8"	362RH300-33	6'-0" [2]	6'-4" [2]	6'-8" [2]	6'-0" [2]	6'-4" [2]	6'-8" [2]	6'-0" [2]	6'-4" [2]	6'-8" [2]
		362RH300-43	7'-0" [2]	7'-4" [2]	7'-9" [2]	7'-0" [2]	7'-4" [2]	7'-9" [2]	7'-0" [2]	7'-4" [2]	7'-9" [2]
		362RH300-54	8'-7" [2]	9'-0" [2]	9'-6" [2]	8'-7" [2]	9'-0" [2]	9'-6" [2]	8'-7" [2]	9'-0" [2]	9'-6" [2]
		362RH300-68	9'-5" [2]	9'-10" [2]	10'-3" [2]	9'-5" [2]	9'-10" [2]	10'-3" [2]	9'-5" [2]	9'-10" [2]	10'-3" [2]
		362RH300-97	10'-4" [2]	10'-8" [2]	11'-1" [2]	10'-4" [2]	10'-8" [2]	11'-1" [2]	10'-4" [2]	10'-8" [2]	11'-1" [2]
		362RH350-54	9'-9" [2]	10'-2" [2]	10'-6" [2]	9'-9" [2]	10'-2" [2]	10'-6" [2]	9'-9" [2]	10'-2" [2]	10'-6" [2]
		362RH350-68	10'-5" [2]	10'-10" [2]	11'-3" [2]	10'-5" [2]	10'-10" [2]	11'-3" [2]	10'-5" [2]	10'-10" [2]	11'-3" [2]
		362RH350-97	11'-4" [2]	11'-9" [2]	12'-2" [2]	11'-4" [2]	11'-9" [2]	12'-2" [2]	11'-4" [2]	11'-9" [2]	12'-2" [2]
	4"	400RH300-33	6'-2" [2]	6'-5" [2]	6'-10" [2]	6'-2" [2]	6'-5" [2]	6'-10" [2]	6'-2" [2]	6'-5" [2]	6'-10" [2]
		400RH300-43	7'-4" [2]	7'-8" [2]	8'-1" [2]	7'-4" [2]	7'-8" [2]	8'-1" [2]	7'-4" [2]	7'-8" [2]	8'-1" [2]
		400RH300-54	8'-9" [2]	9'-1" [2]	9'-7" [2]	8'-9" [2]	9'-1" [2]	9'-7" [2]	8'-9" [2]	9'-1" [2]	9'-7" [2]
		400RH300-68	9'-6" [2]	10'-0" [2]	10'-4" [2]	9'-6" [2]	10'-0" [2]	10'-4" [2]	9'-6" [2]	10'-0" [2]	10'-4" [2]
		400RH300-97	10'-5" [2]	10'-10" [2]	11'-3" [2]	10'-5" [2]	10'-10" [2]	11'-3" [2]	10'-5" [2]	10'-10" [2]	11'-3" [2]
		400RH350-54	9'-10" [2]	10'-3" [2]	10'-8" [2]	9'-10" [2]	10'-3" [2]	10'-8" [2]	9'-10" [2]	10'-3" [2]	10'-8" [2]
		400RH350-68	10'-7" [2]	10'-11" [2]	11'-4" [2]	10'-7" [2]	10'-11" [2]	11'-4" [2]	10'-7" [2]	10'-11" [2]	11'-4" [2]
		400RH350-97	11'-6" [2]	11'-10" [2]	12'-4" [2]	11'-6" [2]	11'-10" [2]	12'-4" [2]	11'-6" [2]	11'-10" [2]	12'-4" [2]
	6"	600RH300-33	6'-5" [1]	6'-9" [1]	7'-2" [1]	6'-5" [1]	6'-9" [1]	7'-2" [1]	6'-5" [1]	6'-9" [1]	7'-2" [1]
		600RH300-43	7'-8" [2]	8'-2" [2]	8'-8" [2]	7'-8" [2]	8'-2" [2]	8'-8" [2]	7'-8" [2]	8'-2" [2]	8'-8" [2]
		600RH300-54	9'-2" [2]	9'-7" [2]	10'-1" [2]	9'-2" [2]	9'-7" [2]	10'-1" [2]	9'-2" [2]	9'-7" [2]	10'-1" [2]
		600RH300-68	10'-0" [2]	10'-4" [2]	10'-9" [2]	10'-0" [2]	10'-4" [2]	10'-9" [2]	10'-0" [2]	10'-4" [2]	10'-9" [2]
		600RH300-97	10'-10" [2]	11'-3" [2]	11'-8" [2]	10'-10" [2]	11'-3" [2]	11'-8" [2]	10'-10" [2]	11'-3" [2]	11'-8" [2]
		600RH350-54	10'-3" [2]	10'-7" [2]	11'-0" [2]	10'-3" [2]	10'-7" [2]	11'-0" [2]	10'-3" [2]	10'-7" [2]	11'-0" [2]
		600RH350-68	11'-0" [2]	11'-4" [2]	11'-9" [2]	11'-0" [2]	11'-4" [2]	11'-9" [2]	11'-0" [2]	11'-4" [2]	11'-9" [2]
		600RH350-97	11'-11" [2]	12'-4" [2]	12'-10" [2]	11'-11" [2]	12'-4" [2]	12'-10" [2]	11'-11" [2]	12'-4" [2]	12'-10" [2]
	8"	800RH300-43	7'-9" [2]	8'-3" [2]	8'-9" [2]	7'-9" [2]	8'-3" [2]	8'-9" [2]	7'-9" [2]	8'-3" [2]	8'-9" [2]
		800RH300-54	9'-6" [2]	9'-11" [2]	10'-4" [2]	9'-6" [2]	9'-11" [2]	10'-4" [2]	9'-6" [2]	9'-11" [2]	10'-4" [2]
		800RH300-68	10'-3" [2]	10'-7" [2]	11'-0" [2]	10'-3" [2]	10'-7" [2]	11'-0" [2]	10'-3" [2]	10'-7" [2]	11'-0" [2]
		800RH300-97	11'-2" [2]	11'-6" [2]	12'-0" [2]	11'-2" [2]	11'-6" [2]	12'-0" [2]	11'-2" [2]	11'-6" [2]	12'-0" [2]
		800RH350-54	10'-6" [2]	10'-11" [2]	11'-4" [2]	10'-6" [2]	10'-11" [2]	11'-4" [2]	10'-6" [2]	10'-11" [2]	11'-4" [2]
		800RH350-68	11'-3" [2]	11'-8" [2]	12'-1" [2]	11'-3" [2]	11'-8" [2]	12'-1" [2]	11'-3" [2]	11'-8" [2]	12'-1" [2]
		800RH350-97	12'-3" [2]	12'-8" [2]	13'-2" [2]	12'-3" [2]	12'-8" [2]	13'-2" [2]	12'-3" [2]	12'-8" [2]	13'-2" [2]

SPAN NOTES:

1 Use 33 mil HDSC™ Clip with a 4/4 screw pattern.
2 Use 68 mil HDSC™ Clip with a 4/4 screw pattern.

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 All headers require the attachment of the HDSC™ Clip at each end with headers installed leg up.
3 Recommended HDSC™ clip attachments above are based on jamb stud thicknesses being equal to or greater than header thicknesses.
4 Header framing is calculated with a sill height of 0" for worst case design.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136.
6 For deflection calculations, the effective moment of inertia is based on an assumed stress of $0.6*F_y$.
7 For ***interior*** framing, lateral deflection calculations are based on I_w = 1.0.
8 Dead load deflection calculations are limited to L/240 or 1/2" max. deflection.
9 Header lengths should be ordered ***1/2"*** shorter to fit inside clips.

BAILEY®
METAL PRODUCTS LIMITED

(IMPERIAL)

HEADER SPANS FOR **INTERIOR** OPENINGS (ft)

(Specified Wind Load = 10.4 psf; Wall Dead Load = 10 psf; Sill Height = 0 in.; I_w = 1)

WALL HEIGHT (ft)	HEADER SIZE (in.)	MEMBER DESIGNATION	L/120			L/240			L/360		
			OPENING HEIGHT (ft)								
			7	8	9	7	8	9	7	8	9
9'-0"	3-5/8"	362RH300-33	8'-5" [1]	9'-3" [2]	-	8'-5" [1]	9'-3" [2]	-	8'-5" [1]	9'-1" [2]	-
		362RH300-43	9'-7" [2]	10'-6" [2]	-	9'-7" [2]	10'-6" [2]	-	9'-7" [2]	10'-1" [2]	-
		362RH300-54	12'-8" [2]	15'-1" [2]	-	12'-8" [2]	15'-1" [2]	-	10'-10" [2]	10'-10" [2]	-
		362RH300-68	13'-6" [2]	16'-1" [2]	-	13'-6" [2]	16'-1" [2]	-	11'-9" [2]	11'-9" [2]	-
		362RH300-97	14'-8" [2]	17'-5" [2]	-	14'-8" [2]	17'-5" [2]	-	13'-1" [2]	13'-1" [2]	-
		362RH350-54	13'-10" [2]	15'-10" [2]	-	13'-10" [2]	15'-10" [2]	-	11'-2" [2]	11'-2" [2]	-
		362RH350-68	14'-10" [2]	17'-7" [2]	-	14'-10" [2]	17'-7" [2]	-	12'-3" [2]	12'-3" [2]	-
		362RH350-97	16'-1" [2]	19'-2" [2]	-	16'-1" [2]	19'-2" [2]	-	13'-8" [2]	13'-8" [2]	-
	4"	400RH300-33	8'-9" [1]	9'-8" [1]	-	8'-9" [1]	9'-8" [1]	-	8'-9" [1]	9'-8" [1]	-
		400RH300-43	10'-6" [2]	11'-8" [2]	-	10'-6" [2]	11'-8" [2]	-	10'-6" [2]	10'-10" [2]	-
		400RH300-54	12'-9" [2]	15'-2" [2]	-	12'-9" [2]	15'-2" [2]	-	11'-8" [2]	11'-8" [2]	-
		400RH300-68	13'-8" [2]	16'-3" [2]	-	13'-8" [2]	16'-3" [2]	-	12'-8" [2]	12'-8" [2]	-
		400RH300-97	14'-10" [2]	17'-7" [2]	-	14'-10" [2]	17'-7" [2]	-	14'-1" [2]	14'-1" [2]	-
		400RH350-54	14'-0" [2]	16'-7" [2]	-	14'-0" [2]	16'-7" [2]	-	12'-0" [2]	12'-0" [2]	-
		400RH350-68	14'-11" [2]	17'-9" [2]	-	14'-11" [2]	17'-9" [2]	-	13'-2" [2]	13'-2" [2]	-
		400RH350-97	16'-3" [2]	19'-4" [2]	-	16'-3" [2]	19'-4" [2]	-	14'-8" [2]	14'-8" [2]	-
	6"	600RH300-33	9'-11" [1]	11'-6" [1]	-	9'-11" [1]	11'-6" [1]	-	9'-11" [1]	11'-6" [1]	-
		600RH300-43	12'-1" [1]	14'-1" [1]	-	12'-1" [1]	14'-1" [1]	-	12'-1" [1]	14'-1" [1]	-
		600RH300-54	13'-3" [1]	15'-9" [1]	-	13'-3" [1]	15'-9" [1]	-	13'-3" [1]	15'-9" [1]	-
		600RH300-68	14'-2" [1]	16'-10" [1]	-	14'-2" [1]	16'-10" [1]	-	14'-2" [1]	16'-10" [1]	-
		600RH300-97	15'-5" [1]	18'-4" [2]	-	15'-5" [1]	18'-4" [2]	-	15'-5" [1]	18'-4" [2]	-
		600RH350-54	14'-6" [1]	17'-4" [1]	-	14'-6" [1]	17'-4" [1]	-	14'-6" [1]	16'-4" [1]	-
		600RH350-68	15'-6" [1]	18'-6" [2]	-	15'-6" [1]	18'-6" [2]	-	15'-6" [1]	17'-11" [2]	-
		600RH350-97	16'-11" [2]	20'-1" [2]	-	16'-11" [2]	20'-1" [2]	-	16'-11" [2]	20'-0" [2]	-
	8"	800RH300-43	12'-8" [1]	15'-1" [1]	-	12'-8" [1]	15'-1" [1]	-	12'-8" [1]	15'-1" [1]	-
		800RH300-54	13'-7" [1]	16'-2" [1]	-	13'-7" [1]	16'-2" [1]	-	13'-7" [1]	16'-2" [1]	-
		800RH300-68	14'-6" [1]	17'-3" [1]	-	14'-6" [1]	17'-3" [1]	-	14'-6" [1]	17'-3" [1]	-
		800RH300-97	15'-9" [1]	18'-9" [1]	-	15'-9" [1]	18'-9" [1]	-	15'-9" [1]	18'-9" [1]	-
		800RH350-54	14'-11" [1]	17'-9" [1]	-	14'-11" [1]	17'-9" [1]	-	14'-11" [1]	17'-9" [1]	-
		800RH350-68	15'-11" [1]	18'-11" [1]	-	15'-11" [1]	18'-11" [1]	-	15'-11" [1]	18'-11" [1]	-
		800RH350-97	17'-4" [1]	20'-7" [1]	-	17'-4" [1]	20'-7" [1]	-	17'-4" [1]	20'-7" [1]	-
11'-0"	3-5/8"	362RH300-33	6'-10" [1]	7'-4" [2]	7'-10" [2]	6'-10" [1]	7'-4" [2]	7'-10" [2]	6'-10" [1]	7'-4" [2]	7'-10" [2]
		362RH300-43	7'-11" [2]	8'-5" [2]	9'-0" [2]	7'-11" [2]	8'-5" [2]	9'-0" [2]	7'-11" [2]	8'-5" [2]	9'-0" [2]
		362RH300-54	10'-8" [2]	11'-5" [2]	12'-8" [2]	10'-8" [2]	11'-5" [2]	11'-7" [2]	10'-2" [2]	10'-2" [2]	10'-2" [2]
		362RH300-68	11'-4" [2]	12'-2" [2]	13'-6" [2]	11'-4" [2]	12'-2" [2]	12'-7" [2]	11'-0" [2]	11'-0" [2]	11'-0" [2]
		362RH300-97	12'-4" [2]	13'-3" [2]	14'-8" [2]	12'-4" [2]	13'-3" [2]	14'-0" [2]	12'-3" [2]	12'-3" [2]	12'-3" [2]
		362RH350-54	11'-8" [2]	12'-6" [2]	13'-5" [2]	11'-8" [2]	11'-11" [2]	11'-11" [2]	10'-5" [2]	10'-5" [2]	10'-5" [2]
		362RH350-68	12'-5" [2]	13'-5" [2]	14'-10" [2]	12'-5" [2]	13'-1" [2]	13'-1" [2]	11'-5" [2]	11'-5" [2]	11'-5" [2]
		362RH350-97	13'-6" [2]	14'-6" [2]	16'-1" [2]	13'-6" [2]	14'-6" [2]	14'-7" [2]	12'-9" [2]	12'-9" [2]	12'-9" [2]
	4"	400RH300-33	7'-1" [1]	7'-7" [1]	8'-2" [2]	7'-1" [1]	7'-7" [1]	8'-2" [2]	7'-1" [1]	7'-7" [1]	8'-2" [2]
		400RH300-43	8'-6" [2]	9'-1" [2]	9'-10" [2]	8'-6" [2]	9'-1" [2]	9'-10" [2]	8'-6" [2]	9'-1" [2]	9'-10" [2]
		400RH300-54	10'-9" [2]	11'-6" [2]	12'-9" [2]	10'-9" [2]	11'-6" [2]	12'-6" [2]	10'-9" [2]	10'-11" [2]	10'-11" [2]
		400RH300-68	11'-6" [2]	12'-4" [2]	13'-8" [2]	11'-6" [2]	12'-4" [2]	13'-7" [2]	11'-6" [2]	11'-11" [2]	11'-11" [2]
		400RH300-97	12'-5" [2]	13'-4" [2]	14'-10" [2]	12'-5" [2]	13'-4" [2]	14'-10" [2]	12'-5" [2]	13'-2" [2]	13'-2" [2]
		400RH350-54	11'-9" [2]	12'-8" [2]	14'-0" [2]	11'-9" [2]	12'-8" [2]	12'-11" [2]	11'-3" [2]	11'-3" [2]	11'-3" [2]
		400RH350-68	12'-7" [2]	13'-6" [2]	14'-11" [2]	12'-7" [2]	13'-6" [2]	14'-1" [2]	12'-4" [2]	12'-4" [2]	12'-4" [2]
		400RH350-97	13'-8" [2]	14'-8" [2]	16'-3" [2]	13'-8" [2]	14'-8" [2]	15'-9" [2]	13'-8" [2]	13'-9" [2]	13'-9" [2]
	6"	600RH300-33	7'-10" [1]	8'-6" [1]	9'-5" [1]	7'-10" [1]	8'-6" [1]	9'-5" [1]	7'-10" [1]	8'-6" [1]	9'-5" [1]
		600RH300-43	9'-6" [1]	10'-4" [1]	11'-6" [1]	9'-6" [1]	10'-4" [1]	11'-6" [1]	9'-6" [1]	10'-4" [1]	11'-6" [1]
		600RH300-54	11'-2" [2]	12'-0" [1]	13'-3" [1]	11'-2" [2]	12'-0" [1]	13'-3" [1]	11'-2" [2]	12'-0" [1]	13'-3" [1]
		600RH300-68	11'-11" [2]	12'-10" [2]	14'-2" [2]	11'-11" [2]	12'-10" [2]	14'-2" [2]	11'-11" [2]	12'-10" [2]	14'-2" [2]
		600RH300-97	12'-11" [2]	13'-11" [2]	15'-5" [2]	12'-11" [2]	13'-11" [2]	15'-5" [2]	12'-11" [2]	13'-11" [2]	15'-5" [2]
		600RH350-54	12'-3" [2]	13'-2" [2]	14'-6" [2]	12'-3" [2]	13'-2" [2]	14'-6" [2]	12'-3" [2]	13'-2" [2]	14'-6" [2]
		600RH350-68	13'-1" [2]	14'-0" [2]	15'-6" [2]	13'-1" [2]	14'-0" [2]	15'-6" [2]	13'-1" [2]	14'-0" [2]	15'-6" [2]
		600RH350-97	14'-2" [2]	15'-3" [2]	16'-11" [2]	14'-2" [2]	15'-3" [2]	16'-11" [2]	14'-2" [2]	15'-3" [2]	16'-11" [2]
	8"	800RH300-43	9'-11" [1]	10'-11" [1]	12'-4" [1]	9'-11" [1]	10'-11" [1]	12'-4" [1]	9'-11" [1]	10'-11" [1]	12'-4" [1]
		800RH300-54	11'-5" [1]	12'-3" [1]	13'-7" [1]	11'-5" [1]	12'-3" [1]	13'-7" [1]	11'-5" [1]	12'-3" [1]	13'-7" [1]
		800RH300-68	12'-3" [2]	13'-1" [1]	14'-6" [1]	12'-3" [2]	13'-1" [1]	14'-6" [1]	12'-3" [2]	13'-1" [1]	14'-6" [1]
		800RH300-97	13'-3" [2]	14'-3" [2]	15'-9" [2]	13'-3" [2]	14'-3" [2]	15'-9" [2]	13'-3" [2]	14'-3" [2]	15'-9" [2]
		800RH350-54	12'-6" [2]	13'-5" [2]	14'-11" [1]	12'-6" [2]	13'-5" [2]	14'-11" [1]	12'-6" [2]	13'-5" [2]	14'-11" [1]
		800RH350-68	13'-5" [2]	14'-5" [2]	15'-11" [2]	13'-5" [2]	14'-5" [2]	15'-11" [2]	13'-5" [2]	14'-5" [2]	15'-11" [2]
		800RH350-97	14'-7" [2]	15'-8" [2]	17'-4" [2]	14'-7" [2]	15'-8" [2]	17'-4" [2]	14'-7" [2]	15'-8" [2]	17'-4" [2]

SPAN NOTES:

1 Use 33 mil HDSC™ Clip with a 4/4 screw pattern.
2 Use 68 mil HDSC™ Clip with a 4/4 screw pattern.

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 All headers require the attachment of the HDSC™ Clip at each end with headers installed leg up.
3 Recommended HDSC™ clip attachments above are based on jamb stud thicknesses being equal to or greater than header thicknesses.
4 Header framing is calculated with a sill height of 0" for worst case design.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136.
6 For deflection calculations, the effective moment of inertia is based on an assumed stress of 0.6*F_y.
7 For ***interior*** framing, lateral deflection calculations are based on I_w = 1.0.
8 Dead load deflection calculations are limited to L/240 or 1/2" max. deflection.
9 Header lengths should be ordered ***1/2"*** shorter to fit inside clips.

HEADER SPANS FOR **INTERIOR** OPENINGS (ft)

(Specified Wind Load = 10.4 psf; Wall Dead Load = 10 psf; Sill Height = 0 in.; I_w = 1)

WALL HEIGHT (ft)	HEADER SIZE (in.)	MEMBER DESIGNATION	L/120			L/240			L/360		
			OPENING HEIGHT (ft)								
			7	8	9	7	8	9	7	8	9
13'-0"	3-5/8"	362RH300-33	5'-11" [2]	6'-3" [2]	6'-7" [2]	5'-11" [2]	5'-6" [2]	5'-11" [2]	5'-11" [2]	4'-10" [2]	5'-2" [2]
		362RH300-43	6'-10" [2]	7'-2" [2]	7'-6" [2]	6'-10" [2]	6'-1" [2]	6'-7" [2]	6'-10" [2]	5'-4" [2]	5'-9" [2]
		362RH300-54	9'-6" [2]	10'-1" [2]	10'-8" [2]	9'-6" [2]	6'-7" [2]	7'-1" [2]	7'-10" [2]	5'-9" [2]	6'-2" [2]
		362RH300-68	10'-3" [2]	10'-9" [2]	11'-4" [2]	10'-3" [2]	7'-2" [2]	7'-8" [2]	8'-6" [2]	6'-3" [2]	6'-9" [2]
		362RH300-97	11'-1" [2]	11'-8" [2]	12'-4" [2]	11'-1" [2]	7'-11" [2]	8'-7" [2]	9'-5" [2]	6'-11" [2]	7'-6" [2]
		362RH350-54	10'-2" [2]	10'-8" [2]	11'-3" [2]	10'-2" [2]	6'-9" [2]	7'-4" [2]	8'-0" [2]	5'-11" [2]	6'-4" [2]
		362RH350-68	11'-3" [2]	11'-9" [2]	12'-5" [2]	11'-3" [2]	7'-5" [2]	8'-0" [2]	8'-10" [2]	6'-6" [2]	7'-0" [2]
		362RH350-97	12'-2" [2]	12'-9" [2]	13'-6" [2]	12'-2" [2]	8'-3" [2]	8'-11" [2]	9'-10" [2]	7'-3" [2]	7'-9" [2]
	4"	400RH300-33	6'-2" [2]	6'-5" [2]	6'-9" [2]	6'-2" [2]	5'-11" [2]	6'-5" [2]	6'-2" [2]	5'-2" [2]	5'-7" [2]
		400RH300-43	7'-4" [2]	7'-8" [2]	8'-2" [2]	7'-4" [2]	6'-7" [2]	7'-1" [2]	7'-4" [2]	5'-9" [2]	6'-2" [2]
		400RH300-54	9'-7" [2]	10'-2" [2]	10'-9" [2]	9'-7" [2]	7'-1" [2]	7'-8" [2]	8'-5" [2]	6'-2" [2]	6'-8" [2]
		400RH300-68	10'-4" [2]	10'-10" [2]	11'-6" [2]	10'-4" [2]	7'-9" [2]	8'-4" [2]	9'-2" [2]	6'-9" [2]	7'-3" [2]
		400RH300-97	11'-3" [2]	11'-9" [2]	12'-5" [2]	11'-3" [2]	8'-7" [2]	9'-3" [2]	10'-2" [2]	7'-6" [2]	8'-1" [2]
		400RH350-54	10'-6" [2]	11'-0" [2]	11'-8" [2]	10'-6" [2]	7'-4" [2]	7'-10" [2]	8'-8" [2]	6'-4" [2]	6'-10" [2]
		400RH350-68	11'-4" [2]	11'-11" [2]	12'-7" [2]	11'-4" [2]	8'-0" [2]	8'-7" [2]	9'-6" [2]	7'-0" [2]	7'-6" [2]
		400RH350-97	12'-4" [2]	12'-11" [2]	13'-8" [2]	12'-4" [2]	8'-11" [2]	9'-7" [2]	10'-7" [2]	7'-9" [2]	8'-5" [2]
	6"	600RH300-33	6'-8" [1]	7'-1" [1]	7'-7" [1]	6'-8" [1]	7'-1" [1]	7'-7" [1]	6'-8" [1]	7'-1" [1]	7'-7" [1]
		600RH300-43	8'-1" [1]	8'-7" [1]	9'-2" [1]	8'-1" [1]	8'-7" [1]	9'-2" [1]	8'-1" [1]	7'-10" [1]	8'-5" [1]
		600RH300-54	10'-1" [2]	10'-6" [2]	11'-2" [2]	10'-1" [2]	9'-8" [2]	10'-5" [2]	10'-1" [2]	8'-5" [2]	9'-1" [1]
		600RH300-68	10'-9" [2]	11'-3" [2]	11'-11" [2]	10'-9" [2]	10'-6" [2]	11'-4" [2]	10'-9" [2]	9'-2" [2]	9'-11" [2]
		600RH300-97	11'-8" [2]	12'-3" [2]	12'-11" [2]	11'-8" [2]	11'-9" [2]	12'-8" [2]	11'-8" [2]	10'-3" [2]	11'-0" [2]
		600RH350-54	11'-0" [2]	11'-7" [2]	12'-3" [2]	11'-0" [2]	9'-11" [2]	10'-8" [2]	11'-0" [2]	8'-8" [2]	9'-4" [2]
		600RH350-68	11'-9" [2]	12'-4" [2]	13'-1" [2]	11'-9" [2]	10'-10" [2]	11'-8" [2]	11'-9" [2]	9'-6" [2]	10'-3" [2]
		600RH350-97	12'-10" [2]	13'-5" [2]	14'-2" [2]	12'-10" [2]	12'-2" [2]	13'-1" [2]	12'-10" [2]	10'-7" [2]	11'-5" [2]
	8"	800RH300-43	8'-4" [1]	8'-11" [1]	9'-8" [1]	8'-4" [1]	8'-11" [1]	9'-8" [1]	8'-4" [1]	8'-11" [1]	9'-8" [1]
		800RH300-54	10'-4" [2]	10'-9" [2]	11'-5" [2]	10'-4" [2]	10'-9" [2]	11'-5" [2]	10'-4" [2]	10'-7" [2]	11'-5" [1]
		800RH300-68	11'-0" [2]	11'-7" [2]	12'-3" [2]	11'-0" [2]	11'-7" [2]	12'-3" [2]	11'-0" [2]	11'-6" [2]	12'-3" [1]
		800RH300-97	12'-0" [2]	12'-7" [2]	13'-3" [2]	12'-0" [2]	12'-7" [2]	13'-3" [2]	12'-0" [2]	12'-7" [2]	13'-3" [2]
		800RH350-54	11'-4" [2]	11'-10" [2]	12'-6" [2]	11'-4" [2]	11'-10" [2]	12'-6" [2]	11'-4" [2]	10'-10" [2]	11'-8" [1]
		800RH350-68	12'-1" [2]	12'-8" [2]	13'-5" [2]	12'-1" [2]	12'-8" [2]	13'-5" [2]	12'-1" [2]	11'-10" [2]	12'-9" [2]
		800RH350-97	13'-2" [2]	13'-9" [2]	14'-7" [2]	13'-2" [2]	13'-9" [2]	14'-7" [2]	13'-2" [2]	13'-3" [2]	14'-3" [2]
15'-0"	3-5/8"	362RH300-33	6'-0" [2]	6'-4" [2]	6'-8" [2]	6'-0" [2]	6'-4" [2]	6'-8" [2]	6'-0" [2]	6'-4" [2]	6'-8" [2]
		362RH300-43	7'-0" [2]	7'-4" [2]	7'-9" [2]	7'-0" [2]	7'-4" [2]	7'-9" [2]	7'-0" [2]	7'-4" [2]	7'-9" [2]
		362RH300-54	8'-7" [2]	9'-0" [2]	9'-6" [2]	8'-7" [2]	9'-0" [2]	9'-6" [2]	8'-7" [2]	9'-0" [2]	9'-6" [2]
		362RH300-68	9'-5" [2]	9'-10" [2]	10'-3" [2]	9'-5" [2]	9'-10" [2]	10'-3" [2]	9'-5" [2]	9'-10" [2]	10'-3" [2]
		362RH300-97	10'-4" [2]	10'-8" [2]	11'-1" [2]	10'-4" [2]	10'-8" [2]	11'-1" [2]	10'-4" [2]	10'-8" [2]	11'-1" [2]
		362RH350-54	9'-9" [2]	10'-2" [2]	10'-6" [2]	9'-9" [2]	10'-2" [2]	10'-6" [2]	9'-9" [2]	10'-2" [2]	10'-6" [2]
		362RH350-68	10'-5" [2]	10'-10" [2]	11'-3" [2]	10'-5" [2]	10'-10" [2]	11'-3" [2]	10'-5" [2]	10'-10" [2]	11'-3" [2]
		362RH350-97	11'-4" [2]	11'-9" [2]	12'-2" [2]	11'-4" [2]	11'-9" [2]	12'-2" [2]	11'-4" [2]	11'-9" [2]	12'-2" [2]
	4"	400RH300-33	6'-2" [2]	6'-5" [2]	6'-10" [2]	6'-2" [2]	6'-5" [2]	6'-10" [2]	6'-2" [2]	6'-5" [2]	6'-10" [2]
		400RH300-43	7'-4" [2]	7'-8" [2]	8'-1" [2]	7'-4" [2]	7'-8" [2]	8'-1" [2]	7'-4" [2]	7'-8" [2]	8'-1" [2]
		400RH300-54	8'-9" [2]	9'-1" [2]	9'-7" [2]	8'-9" [2]	9'-1" [2]	9'-7" [2]	8'-9" [2]	9'-1" [2]	9'-7" [2]
		400RH300-68	9'-6" [2]	10'-0" [2]	10'-4" [2]	9'-6" [2]	10'-0" [2]	10'-4" [2]	9'-6" [2]	10'-0" [2]	10'-4" [2]
		400RH300-97	10'-5" [2]	10'-10" [2]	11'-3" [2]	10'-5" [2]	10'-10" [2]	11'-3" [2]	10'-5" [2]	10'-10" [2]	11'-3" [2]
		400RH350-54	9'-10" [2]	10'-3" [2]	10'-8" [2]	9'-10" [2]	10'-3" [2]	10'-8" [2]	9'-10" [2]	10'-3" [2]	10'-8" [2]
		400RH350-68	10'-7" [2]	10'-11" [2]	11'-4" [2]	10'-7" [2]	10'-11" [2]	11'-4" [2]	10'-7" [2]	10'-11" [2]	11'-4" [2]
		400RH350-97	11'-6" [2]	11'-10" [2]	12'-4" [2]	11'-6" [2]	11'-10" [2]	12'-4" [2]	11'-6" [2]	11'-10" [2]	12'-4" [2]
	6"	600RH300-33	6'-5" [1]	6'-9" [1]	7'-2" [1]	6'-5" [1]	6'-9" [1]	7'-2" [1]	6'-5" [1]	6'-9" [1]	7'-2" [1]
		600RH300-43	7'-8" [2]	8'-2" [2]	8'-8" [2]	7'-8" [2]	8'-2" [2]	8'-8" [2]	7'-8" [2]	8'-2" [2]	8'-8" [1]
		600RH300-54	9'-2" [2]	9'-7" [2]	10'-1" [2]	9'-2" [2]	9'-7" [2]	10'-1" [2]	9'-2" [2]	9'-7" [2]	10'-1" [1]
		600RH300-68	10'-0" [2]	10'-4" [2]	10'-9" [2]	10'-0" [2]	10'-4" [2]	10'-9" [2]	10'-0" [2]	10'-4" [2]	10'-9" [2]
		600RH300-97	10'-10" [2]	11'-3" [2]	11'-8" [2]	10'-10" [2]	11'-3" [2]	11'-8" [2]	10'-10" [2]	11'-3" [2]	11'-8" [2]
		600RH350-54	10'-3" [2]	10'-7" [2]	11'-0" [2]	10'-3" [2]	10'-7" [2]	11'-0" [2]	10'-3" [2]	10'-7" [2]	11'-0" [2]
		600RH350-68	11'-0" [2]	11'-4" [2]	11'-9" [2]	11'-0" [2]	11'-4" [2]	11'-9" [2]	11'-0" [2]	11'-4" [2]	11'-9" [2]
		600RH350-97	11'-11" [2]	12'-4" [2]	12'-10" [2]	11'-11" [2]	12'-4" [2]	12'-10" [2]	11'-11" [2]	12'-4" [2]	12'-10" [2]
	8"	800RH300-43	7'-9" [2]	8'-3" [2]	8'-9" [2]	7'-9" [2]	8'-3" [2]	8'-9" [2]	7'-9" [2]	8'-3" [2]	8'-9" [1]
		800RH300-54	9'-6" [2]	9'-11" [2]	10'-4" [2]	9'-6" [2]	9'-11" [2]	10'-4" [2]	9'-6" [2]	9'-11" [2]	10'-4" [1]
		800RH300-68	10'-3" [2]	10'-7" [2]	11'-0" [2]	10'-3" [2]	10'-7" [2]	11'-0" [2]	10'-3" [2]	10'-7" [2]	11'-0" [1]
		800RH300-97	11'-2" [2]	11'-6" [2]	12'-0" [2]	11'-2" [2]	11'-6" [2]	12'-0" [2]	11'-2" [2]	11'-6" [2]	12'-0" [2]
		800RH350-54	10'-6" [2]	10'-11" [2]	11'-4" [2]	10'-6" [2]	10'-11" [2]	11'-4" [2]	10'-6" [2]	10'-11" [2]	11'-4" [1]
		800RH350-68	11'-3" [2]	11'-8" [2]	12'-1" [2]	11'-3" [2]	11'-8" [2]	12'-1" [2]	11'-3" [2]	11'-8" [2]	12'-1" [2]
		800RH350-97	12'-3" [2]	12'-8" [2]	13'-2" [2]	12'-3" [2]	12'-8" [2]	13'-2" [2]	12'-3" [2]	12'-8" [2]	13'-2" [2]

SPAN NOTES:

1 Use 33 mil HDSC™ Clip with a 4/4 screw pattern.
2 Use 68 mil HDSC™ Clip with a 4/4 screw pattern.

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 All headers require the attachment of the HDSC™ Clip at each end with headers installed leg up.
3 Recommended HDSC™ clip attachments above are based on jamb stud thicknesses being equal to or greater than header thicknesses.
4 Header framing is calculated with a sill height of 0" for worst case design.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136.
6 For deflection calculations, the effective moment of inertia is based on an assumed stress of 0.6*F_y.
7 For ***interior*** framing, lateral deflection calculations are based on I_w = 1.0.
8 Dead load deflection calculations are limited to L/240 or 1/2" max. deflection.
9 Header lengths should be ordered ***1/2"*** shorter to fit inside clips.

HEADER SPANS FOR **INTERIOR** OPENINGS (ft)

(Specified Wind Load = 15.7 psf; Wall Dead Load = 10 psf; Sill Height = 0 in.; I_w = 1)

WALL HEIGHT (ft)	HEADER SIZE (in.)	MEMBER DESIGNATION	L/120			L/240			L/360		
			OPENING HEIGHT (ft)								
			7	8	9	7	8	9	7	8	9
9'-0"	3-5/8"	362RH300-33	7'-3"[1]	7'-9"[2]	-	7'-3"[1]	7'-9"[2]	-	7'-3"[1]	7'-9"[2]	-
		362RH300-43	8'-4"[2]	8'-10"[2]	-	8'-4"[2]	8'-10"[2]	-	8'-4"[2]	8'-9"[2]	-
		362RH300-54	11'-11"[2]	12'-11"[2]	-	11'-11"[2]	12'-11"[2]	-	9'-5"[2]	9'-5"[2]	-
		362RH300-68	13'-3"[2]	14'-3"[2]	-	13'-3"[2]	14'-3"[2]	-	10'-3"[2]	10'-3"[2]	-
		362RH300-97	14'-8"[2]	16'-6"[2]	-	14'-8"[2]	16'-6"[2]	-	11'-5"[2]	11'-5"[2]	-
		362RH350-54	12'-5"[2]	13'-4"[2]	-	12'-5"[2]	13'-4"[2]	-	9'-9"[2]	9'-9"[2]	-
		362RH350-68	14'-5"[2]	15'-4"[2]	-	14'-5"[2]	15'-4"[2]	-	10'-8"[2]	10'-8"[2]	-
		362RH350-97	16'-1"[2]	17'-2"[2]	-	16'-1"[2]	17'-2"[2]	-	11'-11"[2]	11'-11"[2]	-
	4"	400RH300-33	7'-7"[1]	8'-3"[1]	-	7'-7"[1]	8'-3"[1]	-	7'-7"[1]	8'-3"[1]	-
		400RH300-43	9'-2"[2]	9'-11"[2]	-	9'-2"[2]	9'-11"[2]	-	9'-2"[2]	9'-5"[2]	-
		400RH300-54	12'-6"[2]	13'-7"[2]	-	12'-6"[2]	13'-7"[2]	-	10'-2"[2]	10'-2"[2]	-
		400RH300-68	13'-8"[2]	15'-9"[2]	-	13'-8"[2]	15'-9"[2]	-	11'-1"[2]	11'-1"[2]	-
		400RH300-97	14'-10"[2]	17'-7"[2]	-	14'-10"[2]	17'-7"[2]	-	12'-4"[2]	12'-4"[2]	-
		400RH350-54	13'-0"[2]	14'-1"[2]	-	13'-0"[2]	14'-1"[2]	-	10'-6"[2]	10'-6"[2]	-
		400RH350-68	14'-11"[2]	16'-3"[2]	-	14'-11"[2]	16'-3"[2]	-	11'-6"[2]	11'-6"[2]	-
		400RH350-97	16'-3"[2]	18'-6"[2]	-	16'-3"[2]	18'-6"[2]	-	12'-10"[2]	12'-10"[2]	-
	6"	600RH300-33	8'-10"[1]	9'-11"[1]	-	8'-10"[1]	9'-11"[1]	-	8'-10"[1]	9'-11"[1]	-
		600RH300-43	10'-10"[1]	12'-2"[1]	-	10'-10"[1]	12'-2"[1]	-	10'-10"[1]	12'-2"[1]	-
		600RH300-54	13'-3"[1]	15'-9"[1]	-	13'-3"[1]	15'-9"[1]	-	13'-3"[1]	13'-11"[1]	-
		600RH300-68	14'-2"[1]	16'-10"[1]	-	14'-2"[1]	16'-10"[1]	-	14'-2"[1]	15'-1"[1]	-
		600RH300-97	15'-5"[1]	18'-4"[2]	-	15'-5"[1]	18'-4"[2]	-	15'-5"[1]	16'-10"[2]	-
		600RH350-54	14'-6"[1]	16'-9"[1]	-	14'-6"[1]	16'-9"[1]	-	14'-3"[1]	14'-3"[1]	-
		600RH350-68	15'-6"[1]	18'-6"[2]	-	15'-6"[1]	18'-6"[2]	-	15'-6"[1]	15'-7"[2]	-
		600RH350-97	16'-11"[2]	20'-1"[2]	-	16'-11"[2]	20'-1"[2]	-	16'-11"[2]	17'-5"[2]	-
	8"	800RH300-43	11'-9"[1]	13'-6"[1]	-	11'-9"[1]	13'-6"[1]	-	11'-9"[1]	13'-6"[1]	-
		800RH300-54	13'-7"[1]	16'-2"[1]	-	13'-7"[1]	16'-2"[1]	-	13'-7"[1]	16'-2"[1]	-
		800RH300-68	14'-6"[1]	17'-3"[1]	-	14'-6"[1]	17'-3"[1]	-	14'-6"[1]	17'-3"[1]	-
		800RH300-97	15'-9"[1]	18'-9"[1]	-	15'-9"[1]	18'-9"[1]	-	15'-9"[1]	18'-9"[1]	-
		800RH350-54	14'-11"[1]	17'-9"[1]	-	14'-11"[1]	17'-9"[1]	-	14'-11"[1]	17'-9"[1]	-
		800RH350-68	15'-11"[1]	18'-11"[1]	-	15'-11"[1]	18'-11"[1]	-	15'-11"[1]	18'-11"[1]	-
		800RH350-97	17'-4"[1]	20'-7"[1]	-	17'-4"[1]	20'-7"[1]	-	17'-4"[1]	20'-7"[1]	-
11'-0"	3-5/8"	362RH300-33	6'-1"[1]	6'-4"[2]	6'-9"[2]	6'-1"[1]	6'-4"[2]	6'-9"[2]	6'-1"[1]	6'-4"[2]	6'-9"[2]
		362RH300-43	7'-0"[2]	7'-4"[2]	7'-8"[2]	7'-0"[2]	7'-4"[2]	7'-8"[2]	7'-0"[2]	7'-4"[2]	7'-8"[2]
		362RH300-54	9'-11"[2]	10'-6"[2]	11'-1"[2]	9'-11"[2]	10'-1"[2]	10'-1"[2]	8'-10"[2]	8'-10"[2]	8'-10"[2]
		362RH300-68	11'-1"[2]	11'-8"[2]	12'-4"[2]	11'-0"[2]	11'-0"[2]	11'-0"[2]	9'-7"[2]	9'-7"[2]	9'-7"[2]
		362RH300-97	12'-4"[2]	13'-3"[2]	14'-8"[2]	12'-2"[2]	12'-2"[2]	12'-2"[2]	10'-8"[2]	10'-8"[2]	10'-8"[2]
		362RH350-54	10'-5"[2]	10'-11"[2]	11'-6"[2]	10'-5"[2]	10'-5"[2]	10'-5"[2]	9'-1"[2]	9'-1"[2]	9'-1"[2]
		362RH350-68	12'-1"[2]	12'-8"[2]	13'-4"[2]	11'-5"[2]	11'-5"[2]	11'-5"[2]	9'-11"[2]	9'-11"[2]	9'-11"[2]
		362RH350-97	13'-6"[2]	14'-6"[2]	16'-0"[2]	12'-9"[2]	12'-9"[2]	12'-9"[2]	11'-1"[2]	11'-1"[2]	11'-1"[2]
	4"	400RH300-33	6'-4"[1]	6'-8"[1]	7'-1"[2]	6'-4"[1]	6'-8"[1]	7'-1"[2]	6'-4"[1]	6'-8"[1]	7'-1"[2]
		400RH300-43	7'-7"[2]	8'-0"[2]	8'-6"[2]	7'-7"[2]	8'-0"[2]	8'-6"[2]	7'-7"[2]	8'-0"[2]	8'-6"[2]
		400RH300-54	10'-4"[2]	10'-11"[2]	11'-8"[2]	10'-4"[2]	10'-11"[2]	10'-11"[2]	9'-6"[2]	9'-6"[2]	9'-6"[2]
		400RH300-68	11'-6"[2]	12'-4"[2]	13'-6"[2]	11'-6"[2]	11'-10"[2]	11'-10"[2]	10'-4"[2]	10'-4"[2]	10'-4"[2]
		400RH300-97	12'-5"[2]	13'-4"[2]	14'-10"[2]	12'-5"[2]	13'-2"[2]	13'-2"[2]	11'-6"[2]	11'-6"[2]	11'-6"[2]
		400RH350-54	10'-10"[2]	11'-5"[2]	12'-1"[2]	10'-10"[2]	11'-3"[2]	11'-3"[2]	9'-10"[2]	9'-10"[2]	9'-10"[2]
		400RH350-68	12'-6"[2]	13'-2"[2]	14'-0"[2]	12'-3"[2]	12'-3"[2]	12'-3"[2]	10'-9"[2]	10'-9"[2]	10'-9"[2]
		400RH350-97	13'-8"[2]	14'-8"[2]	16'-3"[2]	13'-8"[2]	13'-8"[2]	13'-8"[2]	12'-0"[2]	12'-0"[2]	12'-0"[2]
	6"	600RH300-33	7'-2"[1]	7'-8"[1]	8'-4"[1]	7'-2"[1]	7'-8"[1]	8'-4"[1]	7'-2"[1]	7'-8"[1]	8'-4"[1]
		600RH300-43	8'-9"[1]	9'-4"[1]	10'-2"[1]	8'-9"[1]	9'-4"[1]	10'-2"[1]	8'-9"[1]	9'-4"[1]	10'-2"[1]
		600RH300-54	11'-2"[2]	12'-0"[1]	13'-3"[1]	11'-2"[2]	12'-0"[1]	13'-3"[1]	11'-2"[2]	12'-0"[1]	13'-0"[1]
		600RH300-68	11'-11"[2]	12'-10"[2]	14'-2"[2]	11'-11"[2]	12'-10"[2]	14'-2"[2]	11'-11"[2]	12'-10"[2]	14'-1"[2]
		600RH300-97	12'-11"[2]	13'-11"[2]	15'-5"[2]	12'-11"[2]	13'-11"[2]	15'-5"[2]	12'-11"[2]	13'-11"[2]	15'-5"[2]
		600RH350-54	12'-2"[2]	13'-0"[2]	14'-1"[2]	12'-2"[2]	13'-0"[2]	14'-1"[2]	12'-2"[2]	13'-0"[2]	13'-4"[2]
		600RH350-68	13'-1"[2]	14'-0"[2]	15'-6"[2]	13'-1"[2]	14'-0"[2]	15'-6"[2]	13'-1"[2]	14'-0"[2]	14'-7"[2]
		600RH350-97	14'-2"[2]	15'-3"[2]	16'-11"[2]	14'-2"[2]	15'-3"[2]	16'-11"[2]	14'-2"[2]	15'-3"[2]	16'-4"[2]
	8"	800RH300-43	9'-3"[1]	10'-0"[1]	11'-1"[1]	9'-3"[1]	10'-0"[1]	11'-1"[1]	9'-3"[1]	10'-0"[1]	11'-1"[1]
		800RH300-54	11'-5"[1]	12'-3"[1]	13'-7"[1]	11'-5"[1]	12'-3"[1]	13'-7"[1]	11'-5"[1]	12'-3"[1]	13'-7"[1]
		800RH300-68	12'-3"[2]	13'-1"[1]	14'-6"[1]	12'-3"[2]	13'-1"[1]	14'-6"[1]	12'-3"[2]	13'-1"[1]	14'-6"[1]
		800RH300-97	13'-3"[2]	14'-3"[2]	15'-9"[2]	13'-3"[2]	14'-3"[2]	15'-9"[2]	13'-3"[2]	14'-3"[2]	15'-9"[2]
		800RH350-54	12'-6"[2]	13'-5"[2]	14'-11"[1]	12'-6"[2]	13'-5"[2]	14'-11"[1]	12'-6"[2]	13'-5"[2]	14'-11"[1]
		800RH350-68	13'-5"[2]	14'-5"[2]	15'-11"[2]	13'-5"[2]	14'-5"[2]	15'-11"[2]	13'-5"[2]	14'-5"[2]	15'-11"[2]
		800RH350-97	14'-7"[2]	15'-8"[2]	17'-4"[2]	14'-7"[2]	15'-8"[2]	17'-4"[2]	14'-7"[2]	15'-8"[2]	17'-4"[2]

SPAN NOTES:

1 Use 33 mil HDSC™ Clip with a 4/4 screw pattern.
2 Use 68 mil HDSC™ Clip with a 4/4 screw pattern.

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 All headers require the attachment of the HDSC™ Clip at each end with headers installed leg up.
3 Recommended HDSC™ clip attachments above are based on jamb stud thicknesses being equal to or greater than header thicknesses.
4 Header framing is calculated with a sill height of 0" for worst case design.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136.
6 For deflection calculations, the effective moment of inertia is based on an assumed stress of $0.6*F_y$.
7 For ***interior*** framing, lateral deflection calculations are based on I_w = 1.0.
8 Dead load deflection calculations are limited to L/240 or 1/2" max. deflection.
9 Header lengths should be ordered ***1/2"*** shorter to fit inside clips.

(IMPERIAL)

HEADER SPANS FOR **INTERIOR** OPENINGS (ft)

(Specified Wind Load = 15.7 psf; Wall Dead Load = 10 psf; Sill Height = 0 in.; I_w = 1)

WALL HEIGHT (ft)	HEADER SIZE (in.)	MEMBER DESIGNATION	L/120			L/240			L/360		
			OPENING HEIGHT (ft)								
			7	8	9	7	8	9	7	8	9
13'-0"	3-5/8"	362RH300-33	5'-4"[2]	5'-6"[2]	5'-9"[2]	5'-4"[2]	4'-9"[2]	5'-2"[2]	5'-4"[2]	4'-2"[2]	4'-6"[2]
		362RH300-43	6'-2"[2]	6'-4"[2]	6'-7"[2]	6'-2"[2]	5'-4"[2]	5'-9"[2]	6'-2"[2]	4'-8"[2]	5'-0"[2]
		362RH300-54	8'-9"[2]	9'-1"[2]	9'-5"[2]	8'-9"[2]	5'-9"[2]	6'-2"[2]	6'-10"[2]	5'-0"[2]	5'-5"[2]
		362RH300-68	9'-9"[2]	10'-1"[2]	10'-6"[2]	9'-9"[2]	6'-3"[2]	6'-9"[2]	7'-5"[2]	5'-5"[2]	5'-10"[2]
		362RH300-97	11'-1"[2]	11'-8"[2]	12'-4"[2]	11'-1"[2]	6'-11"[2]	7'-5"[2]	8'-3"[2]	6'-0"[2]	6'-6"[2]
		362RH350-54	9'-2"[2]	9'-6"[2]	9'-10"[2]	9'-2"[2]	5'-11"[2]	6'-4"[2]	7'-0"[2]	5'-2"[2]	5'-7"[2]
		362RH350-68	10'-7"[2]	11'-0"[2]	11'-5"[2]	10'-7"[2]	6'-6"[2]	7'-0"[2]	7'-8"[2]	5'-8"[2]	6'-1"[2]
		362RH350-97	12'-2"[2]	12'-9"[2]	13'-6"[2]	12'-2"[2]	7'-2"[2]	7'-9"[2]	8'-7"[2]	6'-3"[2]	6'-9"[2]
	4"	400RH300-33	5'-6"[2]	5'-9"[2]	6'-0"[2]	5'-6"[2]	5'-2"[2]	5'-7"[2]	5'-6"[2]	4'-6"[2]	4'-10"[2]
		400RH300-43	6'-7"[2]	6'-11"[2]	7'-2"[2]	6'-7"[2]	5'-9"[2]	6'-2"[2]	6'-7"[2]	5'-0"[2]	5'-5"[2]
		400RH300-54	9'-0"[2]	9'-5"[2]	9'-10"[2]	9'-0"[2]	6'-2"[2]	6'-8"[2]	7'-4"[2]	5'-5"[2]	5'-10"[2]
		400RH300-68	10'-4"[2]	10'-10"[2]	11'-5"[2]	10'-4"[2]	6'-9"[2]	7'-3"[2]	8'-0"[2]	5'-10"[2]	6'-4"[2]
		400RH300-97	11'-3"[2]	11'-9"[2]	12'-5"[2]	11'-3"[2]	7'-6"[2]	8'-1"[2]	8'-10"[2]	6'-6"[2]	7'-0"[2]
		400RH350-54	9'-6"[2]	9'-10"[2]	10'-3"[2]	9'-6"[2]	6'-4"[2]	6'-10"[2]	7'-7"[2]	5'-7"[2]	6'-0"[2]
		400RH350-68	11'-0"[2]	11'-5"[2]	11'-11"[2]	11'-0"[2]	6'-11"[2]	7'-6"[2]	8'-3"[2]	6'-1"[2]	6'-7"[2]
		400RH350-97	12'-4"[2]	12'-11"[2]	13'-8"[2]	12'-4"[2]	7'-9"[2]	8'-4"[2]	9'-3"[2]	6'-9"[2]	7'-4"[2]
	6"	600RH300-33	6'-2"[1]	6'-6"[1]	6'-10"[1]	6'-2"[1]	6'-6"[1]	6'-10"[1]	6'-2"[1]	6'-2"[1]	6'-8"[1]
		600RH300-43	7'-6"[1]	7'-11"[1]	8'-4"[1]	7'-6"[1]	7'-10"[1]	8'-4"[1]	7'-6"[1]	6'-10"[1]	7'-4"[1]
		600RH300-54	9'-11"[2]	10'-6"[2]	11'-2"[2]	9'-11"[2]	8'-5"[2]	9'-1"[2]	9'-11"[2]	7'-4"[2]	7'-11"[1]
		600RH300-68	10'-9"[2]	11'-3"[2]	11'-11"[2]	10'-9"[2]	9'-2"[2]	9'-11"[2]	10'-9"[2]	8'-0"[2]	8'-7"[2]
		600RH300-97	11'-8"[2]	12'-3"[2]	12'-11"[2]	11'-8"[2]	10'-3"[2]	11'-0"[2]	11'-8"[2]	8'-11"[2]	9'-7"[2]
		600RH350-54	10'-6"[2]	11'-0"[2]	11'-8"[2]	10'-6"[2]	8'-8"[2]	9'-4"[2]	10'-3"[2]	7'-7"[2]	8'-2"[2]
		600RH350-68	11'-9"[2]	12'-4"[2]	13'-1"[2]	11'-9"[2]	9'-6"[2]	10'-2"[2]	11'-3"[2]	8'-3"[2]	8'-11"[2]
		600RH350-97	12'-10"[2]	13'-5"[2]	14'-2"[2]	12'-10"[2]	10'-7"[2]	11'-5"[2]	12'-7"[2]	9'-3"[2]	10'-0"[2]
	8"	800RH300-43	7'-10"[1]	8'-4"[1]	8'-11"[1]	7'-10"[1]	8'-4"[1]	8'-11"[1]	7'-10"[1]	8'-4"[1]	8'-11"[1]
		800RH300-54	10'-4"[2]	10'-9"[2]	11'-5"[2]	10'-4"[2]	10'-7"[2]	11'-4"[2]	10'-4"[2]	9'-3"[2]	9'-11"[1]
		800RH300-68	11'-0"[2]	11'-7"[2]	12'-3"[2]	11'-0"[2]	11'-5"[2]	12'-3"[2]	11'-0"[2]	10'-0"[2]	10'-9"[1]
		800RH300-97	12'-0"[2]	12'-7"[2]	13'-3"[2]	12'-0"[2]	12'-7"[2]	13'-3"[2]	12'-0"[2]	11'-2"[2]	12'-0"[2]
		800RH350-54	11'-1"[2]	11'-9"[2]	12'-6"[2]	11'-1"[2]	10'-10"[2]	11'-8"[2]	11'-1"[2]	9'-5"[2]	10'-2"[1]
		800RH350-68	12'-1"[2]	12'-8"[2]	13'-5"[2]	12'-1"[2]	11'-10"[2]	12'-8"[2]	12'-1"[2]	10'-4"[2]	11'-1"[2]
		800RH350-97	13'-2"[2]	13'-9"[2]	14'-7"[2]	13'-2"[2]	13'-3"[2]	14'-3"[2]	13'-2"[2]	11'-6"[2]	12'-5"[2]
15'-0"	3-5/8"	362RH300-33	6'-0"[2]	6'-4"[2]	6'-8"[2]	6'-0"[2]	6'-4"[2]	6'-8"[2]	6'-0"[2]	6'-4"[2]	6'-8"[2]
		362RH300-43	7'-0"[2]	7'-4"[2]	7'-9"[2]	7'-0"[2]	7'-4"[2]	7'-9"[2]	7'-0"[2]	7'-4"[2]	7'-9"[2]
		362RH300-54	8'-7"[2]	9'-0"[2]	9'-6"[2]	8'-7"[2]	9'-0"[2]	9'-6"[2]	8'-7"[2]	9'-0"[2]	9'-6"[2]
		362RH300-68	9'-5"[2]	9'-10"[2]	10'-3"[2]	9'-5"[2]	9'-10"[2]	10'-3"[2]	9'-5"[2]	9'-10"[2]	10'-3"[2]
		362RH300-97	10'-4"[2]	10'-8"[2]	11'-1"[2]	10'-4"[2]	10'-8"[2]	11'-1"[2]	10'-4"[2]	10'-8"[2]	11'-1"[2]
		362RH350-54	9'-9"[2]	10'-2"[2]	10'-6"[2]	9'-9"[2]	10'-2"[2]	10'-6"[2]	9'-9"[2]	10'-2"[2]	10'-6"[2]
		362RH350-68	10'-5"[2]	10'-10"[2]	11'-3"[2]	10'-5"[2]	10'-10"[2]	11'-3"[2]	10'-5"[2]	10'-10"[2]	11'-3"[2]
		362RH350-97	11'-4"[2]	11'-9"[2]	12'-2"[2]	11'-4"[2]	11'-9"[2]	12'-2"[2]	11'-4"[2]	11'-9"[2]	12'-2"[2]
	4"	400RH300-33	6'-2"[2]	6'-5"[2]	6'-10"[2]	6'-2"[2]	6'-5"[2]	6'-10"[2]	6'-2"[2]	6'-5"[2]	6'-10"[2]
		400RH300-43	7'-4"[2]	7'-8"[2]	8'-1"[2]	7'-4"[2]	7'-8"[2]	8'-1"[2]	7'-4"[2]	7'-8"[2]	8'-1"[2]
		400RH300-54	8'-9"[2]	9'-1"[2]	9'-7"[2]	8'-9"[2]	9'-1"[2]	9'-7"[2]	8'-9"[2]	9'-1"[2]	9'-7"[2]
		400RH300-68	9'-6"[2]	10'-0"[2]	10'-4"[2]	9'-6"[2]	10'-0"[2]	10'-4"[2]	9'-6"[2]	10'-0"[2]	10'-4"[2]
		400RH300-97	10'-5"[2]	10'-10"[2]	11'-3"[2]	10'-5"[2]	10'-10"[2]	11'-3"[2]	10'-5"[2]	10'-10"[2]	11'-3"[2]
		400RH350-54	9'-10"[2]	10'-3"[2]	10'-8"[2]	9'-10"[2]	10'-3"[2]	10'-8"[2]	9'-10"[2]	10'-3"[2]	10'-8"[2]
		400RH350-68	10'-7"[2]	10'-11"[2]	11'-4"[2]	10'-7"[2]	10'-11"[2]	11'-4"[2]	10'-7"[2]	10'-11"[2]	11'-4"[2]
		400RH350-97	11'-6"[2]	11'-10"[2]	12'-4"[2]	11'-6"[2]	11'-10"[2]	12'-4"[2]	11'-6"[2]	11'-10"[2]	12'-4"[2]
	6"	600RH300-33	6'-5"[1]	6'-9"[1]	7'-2"[1]	6'-5"[1]	6'-9"[1]	7'-2"[1]	6'-5"[1]	6'-9"[1]	7'-2"[1]
		600RH300-43	7'-8"[2]	8'-2"[2]	8'-8"[2]	7'-8"[2]	8'-2"[2]	8'-8"[2]	7'-8"[2]	8'-2"[2]	8'-8"[1]
		600RH300-54	9'-2"[2]	9'-7"[2]	10'-1"[2]	9'-2"[2]	9'-7"[2]	10'-1"[2]	9'-2"[2]	9'-7"[2]	10'-1"[1]
		600RH300-68	10'-0"[2]	10'-4"[2]	10'-9"[2]	10'-0"[2]	10'-4"[2]	10'-9"[2]	10'-0"[2]	10'-4"[2]	10'-9"[2]
		600RH300-97	10'-10"[2]	11'-3"[2]	11'-8"[2]	10'-10"[2]	11'-3"[2]	11'-8"[2]	10'-10"[2]	11'-3"[2]	11'-8"[2]
		600RH350-54	10'-3"[2]	10'-7"[2]	11'-0"[2]	10'-3"[2]	10'-7"[2]	11'-0"[2]	10'-3"[2]	10'-7"[2]	11'-0"[2]
		600RH350-68	11'-0"[2]	11'-4"[2]	11'-9"[2]	11'-0"[2]	11'-4"[2]	11'-9"[2]	11'-0"[2]	11'-4"[2]	11'-9"[2]
		600RH350-97	11'-11"[2]	12'-4"[2]	12'-10"[2]	11'-11"[2]	12'-4"[2]	12'-10"[2]	11'-11"[2]	12'-4"[2]	12'-10"[2]
	8"	800RH300-43	7'-9"[2]	8'-3"[2]	8'-9"[2]	7'-9"[2]	8'-3"[2]	8'-9"[2]	7'-9"[2]	8'-3"[2]	8'-9"[1]
		800RH300-54	9'-6"[2]	9'-11"[2]	10'-4"[2]	9'-6"[2]	9'-11"[2]	10'-4"[2]	9'-6"[2]	9'-11"[2]	10'-4"[1]
		800RH300-68	10'-3"[2]	10'-7"[2]	11'-0"[2]	10'-3"[2]	10'-7"[2]	11'-0"[2]	10'-3"[2]	10'-7"[2]	11'-0"[1]
		800RH300-97	11'-2"[2]	11'-6"[2]	12'-0"[2]	11'-2"[2]	11'-6"[2]	12'-0"[2]	11'-2"[2]	11'-6"[2]	12'-0"[2]
		800RH350-54	10'-6"[2]	10'-11"[2]	11'-4"[2]	10'-6"[2]	10'-11"[2]	11'-4"[2]	10'-6"[2]	10'-11"[2]	11'-4"[1]
		800RH350-68	11'-3"[2]	11'-8"[2]	12'-1"[2]	11'-3"[2]	11'-8"[2]	12'-1"[2]	11'-3"[2]	11'-8"[2]	12'-1"[2]
		800RH350-97	12'-3"[2]	12'-8"[2]	13'-2"[2]	12'-3"[2]	12'-8"[2]	13'-2"[2]	12'-3"[2]	12'-8"[2]	13'-2"[2]

SPAN NOTES:

1 Use 33 mil HDSC™ Clip with a 4/4 screw pattern.
2 Use 68 mil HDSC™ Clip with a 4/4 screw pattern.

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 All headers require the attachment of the HDSC™ Clip at each end with headers installed leg up.
3 Recommended HDSC™ clip attachments above are based on jamb stud thicknesses being equal to or greater than header thicknesses.
4 Header framing is calculated with a sill height of 0" for worst case design.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136.
6 For deflection calculations, the effective moment of inertia is based on an assumed stress of 0.6*F_y.
7 For ***interior*** framing, lateral deflection calculations are based on I_w = 1.0.
8 Dead load deflection calculations are limited to L/240 or 1/2" max. deflection.
9 Header lengths should be ordered ***1/2"*** shorter to fit inside clips.

HEADER SPANS FOR **EXTERIOR** OPENINGS (ft)

(Specified Wind Load = 20 psf; Wall Dead Load = 12 psf; Sill Height = 0 in.; I_w = 0.75)

WALL HEIGHT (ft)	HEADER SIZE (in.)	MEMBER DESIGNATION	L/240			L/360			L/600		
			OPENING HEIGHT (ft)								
			7	8	9	7	8	9	7	8	9
9'-0"	3-5/8"	362RH300-33	6'-6" [1]	6'-11" [2]	-	6'-6" [1]	6'-11" [2]	-	6'-6" [1]	6'-11" [2]	-
		362RH300-43	7'-5" [2]	7'-10" [2]	-	7'-5" [2]	7'-10" [2]	-	7'-5" [2]	7'-10" [2]	-
		362RH300-54	10'-8" [2]	11'-6" [2]	-	10'-8" [2]	11'-6" [2]	-	9'-10" [2]	9'-10" [2]	-
		362RH300-68	11'-10" [2]	12'-8" [2]	-	11'-10" [2]	12'-8" [2]	-	10'-8" [2]	10'-8" [2]	-
		362RH300-97	14'-0" [2]	16'-1" [2]	-	14'-0" [2]	14'-0" [2]	-	11'-10" [2]	11'-10" [2]	-
		362RH350-54	11'-1" [2]	11'-10" [2]	-	11'-1" [2]	11'-10" [2]	-	10'-1" [2]	10'-1" [2]	-
		362RH350-68	12'-10" [2]	13'-9" [2]	-	12'-10" [2]	13'-1" [2]	-	11'-1" [2]	11'-1" [2]	-
		362RH350-97	15'-4" [2]	16'-9" [2]	-	14'-7" [2]	14'-7" [2]	-	12'-4" [2]	12'-4" [2]	-
	4"	400RH300-33	6'-9" [1]	7'-4" [1]	-	6'-9" [1]	7'-4" [1]	-	6'-9" [1]	7'-4" [1]	-
		400RH300-43	8'-2" [2]	8'-10" [2]	-	8'-2" [2]	8'-10" [2]	-	8'-2" [2]	8'-10" [2]	-
		400RH300-54	11'-2" [2]	12'-1" [2]	-	11'-2" [2]	12'-1" [2]	-	10'-7" [2]	10'-7" [2]	-
		400RH300-68	13'-0" [2]	14'-1" [2]	-	13'-0" [2]	13'-7" [2]	-	11'-6" [2]	11'-6" [2]	-
		400RH300-97	14'-2" [2]	16'-10" [2]	-	14'-2" [2]	15'-2" [2]	-	12'-9" [2]	12'-9" [2]	-
		400RH350-54	11'-8" [2]	12'-6" [2]	-	11'-8" [2]	12'-6" [2]	-	10'-10" [2]	10'-10" [2]	-
		400RH350-68	13'-5" [2]	14'-6" [2]	-	13'-5" [2]	14'-1" [2]	-	11'-11" [2]	11'-11" [2]	-
		400RH350-97	15'-6" [2]	17'-8" [2]	-	15'-6" [2]	15'-9" [2]	-	13'-3" [2]	13'-3" [2]	-
	6"	600RH300-33	7'-11" [1]	8'-10" [1]	-	7'-11" [1]	8'-10" [1]	-	7'-11" [1]	8'-10" [1]	-
		600RH300-43	9'-9" [1]	10'-10" [1]	-	9'-9" [1]	10'-10" [1]	-	9'-9" [1]	10'-10" [1]	-
		600RH300-54	12'-8" [1]	14'-5" [1]	-	12'-8" [1]	14'-5" [1]	-	12'-8" [1]	14'-5" [1]	-
		600RH300-68	13'-6" [1]	16'-1" [1]	-	13'-6" [1]	16'-1" [1]	-	13'-6" [1]	15'-8" [1]	-
		600RH300-97	14'-8" [1]	17'-6" [2]	-	14'-8" [1]	17'-6" [2]	-	14'-8" [1]	17'-5" [2]	-
		600RH350-54	13'-6" [1]	14'-11" [1]	-	13'-6" [1]	14'-11" [1]	-	13'-6" [1]	14'-9" [1]	-
		600RH350-68	14'-10" [1]	17'-5" [2]	-	14'-10" [1]	17'-5" [2]	-	14'-10" [1]	16'-2" [2]	-
		600RH350-97	16'-2" [2]	19'-2" [2]	-	16'-2" [2]	19'-2" [2]	-	16'-2" [2]	18'-1" [2]	-
	8"	800RH300-43	10'-6" [1]	12'-1" [1]	-	10'-6" [1]	12'-1" [1]	-	10'-6" [1]	12'-1" [1]	-
		800RH300-54	13'-0" [1]	15'-5" [1]	-	13'-0" [1]	15'-5" [1]	-	13'-0" [1]	15'-5" [1]	-
		800RH300-68	13'-11" [1]	16'-6" [1]	-	13'-11" [1]	16'-6" [1]	-	13'-11" [1]	16'-6" [1]	-
		800RH300-97	15'-1" [1]	17'-11" [1]	-	15'-1" [1]	17'-11" [1]	-	15'-1" [1]	17'-11" [1]	-
		800RH350-54	14'-3" [1]	16'-8" [1]	-	14'-3" [1]	16'-8" [1]	-	14'-3" [1]	16'-8" [1]	-
		800RH350-68	15'-3" [1]	18'-1" [1]	-	15'-3" [1]	18'-1" [1]	-	15'-3" [1]	18'-1" [1]	-
		800RH350-97	16'-7" [1]	19'-8" [1]	-	16'-7" [1]	19'-8" [1]	-	16'-7" [1]	19'-8" [1]	-
11'-0"	3-5/8"	362RH300-33	5'-5" [1]	5'-8" [2]	6'-0" [2]	5'-5" [1]	5'-8" [2]	6'-0" [2]	5'-5" [1]	5'-8" [2]	6'-0" [2]
		362RH300-43	6'-3" [2]	6'-6" [2]	6'-10" [2]	6'-3" [2]	6'-6" [2]	6'-10" [2]	6'-3" [2]	6'-6" [2]	6'-10" [3]
		362RH300-54	8'-11" [2]	9'-4" [2]	9'-11" [2]	8'-11" [2]	9'-4" [2]	9'-11" [2]	8'-11" [2]	9'-2" [2]	9'-2" [2]
		362RH300-68	9'-11" [2]	10'-5" [2]	10'-11" [2]	9'-11" [2]	10'-5" [2]	10'-11" [2]	9'-11" [2]	10'-0" [2]	10'-0" [2]
		362RH300-97	11'-9" [2]	12'-8" [2]	14'-0" [2]	11'-9" [2]	12'-8" [2]	13'-1" [2]	11'-1" [2]	11'-1" [2]	11'-1" [2]
		362RH350-54	9'-4" [2]	9'-9" [2]	10'-3" [2]	9'-4" [2]	9'-9" [2]	10'-3" [2]	9'-4" [2]	9'-5" [2]	9'-5" [2]
		362RH350-68	10'-9" [2]	11'-4" [2]	11'-11" [2]	10'-9" [2]	11'-4" [2]	11'-11" [2]	10'-4" [2]	10'-4" [2]	10'-4" [2]
		362RH350-97	12'-11" [2]	13'-10" [2]	14'-7" [2]	12'-11" [2]	13'-8" [2]	13'-8" [2]	11'-6" [2]	11'-6" [2]	11'-6" [2]
	4"	400RH300-33	5'-8" [1]	5'-11" [1]	6'-4" [2]	5'-8" [1]	5'-11" [1]	6'-4" [2]	5'-8" [1]	5'-11" [1]	6'-4" [2]
		400RH300-43	6'-10" [2]	7'-2" [2]	7'-7" [2]	6'-10" [2]	7'-2" [2]	7'-7" [2]	6'-10" [2]	7'-2" [2]	7'-7" [3]
		400RH300-54	9'-3" [2]	9'-9" [2]	10'-5" [2]	9'-3" [2]	9'-9" [2]	10'-5" [2]	9'-3" [2]	9'-9" [2]	9'-11" [2]
		400RH300-68	10'-9" [2]	11'-4" [2]	12'-1" [2]	10'-9" [2]	11'-4" [2]	12'-1" [2]	10'-9" [2]	10'-9" [2]	10'-9" [2]
		400RH300-97	11'-11" [2]	12'-9" [2]	14'-2" [2]	11'-11" [2]	12'-9" [2]	14'-2" [2]	11'-11" [2]	11'-11" [2]	11'-11" [2]
		400RH350-54	9'-8" [2]	10'-2" [2]	10'-9" [2]	9'-8" [2]	10'-2" [2]	10'-9" [2]	9'-8" [2]	10'-2" [2]	10'-2" [2]
		400RH350-68	11'-3" [2]	11'-10" [2]	12'-6" [2]	11'-3" [2]	11'-10" [2]	12'-6" [2]	11'-1" [2]	11'-1" [2]	11'-1" [2]
		400RH350-97	13'-0" [2]	14'-0" [2]	15'-3" [2]	13'-0" [2]	14'-0" [2]	14'-9" [2]	12'-5" [2]	12'-5" [2]	12'-5" [2]
	6"	600RH300-33	6'-5" [1]	6'-11" [1]	7'-5" [1]	6'-5" [1]	6'-11" [1]	7'-5" [1]	6'-5" [1]	6'-11" [1]	7'-5" [3]
		600RH300-43	7'-10" [1]	8'-5" [1]	9'-1" [1]	7'-10" [1]	8'-5" [1]	9'-1" [1]	7'-10" [1]	8'-5" [1]	9'-1" [3]
		600RH300-54	10'-5" [2]	11'-2" [1]	12'-2" [1]	10'-5" [2]	11'-2" [1]	12'-2" [1]	10'-5" [2]	11'-2" [1]	12'-2" [2]
		600RH300-68	11'-5" [2]	12'-3" [2]	13'-6" [2]	11'-5" [2]	12'-3" [2]	13'-6" [2]	11'-5" [2]	12'-3" [2]	13'-6" [2]
		600RH300-97	12'-4" [2]	13'-3" [2]	14'-8" [2]	12'-4" [2]	13'-3" [2]	14'-8" [2]	12'-4" [2]	13'-3" [2]	14'-8" [2]
		600RH350-54	10'-11" [2]	11'-8" [2]	12'-7" [2]	10'-11" [2]	11'-8" [2]	12'-7" [2]	10'-11" [2]	11'-8" [2]	12'-7" [2]
		600RH350-68	12'-6" [2]	13'-5" [2]	14'-9" [2]	12'-6" [2]	13'-5" [2]	14'-9" [2]	12'-6" [2]	13'-5" [2]	14'-9" [2]
		600RH350-97	13'-7" [2]	14'-7" [2]	16'-2" [2]	13'-7" [2]	14'-7" [2]	16'-2" [2]	13'-7" [2]	14'-7" [2]	16'-2" [2]
	8"	800RH300-43	8'-4" [1]	9'-0" [1]	10'-0" [1]	8'-4" [1]	9'-0" [1]	10'-0" [1]	8'-4" [1]	9'-0" [1]	10'-0" [3]
		800RH300-54	10'-11" [1]	11'-9" [1]	13'-0" [1]	10'-11" [1]	11'-9" [1]	13'-0" [1]	10'-11" [1]	11'-9" [1]	13'-0" [2]
		800RH300-68	11'-8" [2]	12'-6" [1]	13'-11" [1]	11'-8" [2]	12'-6" [1]	13'-11" [1]	11'-8" [2]	12'-6" [1]	13'-11" [2]
		800RH300-97	12'-8" [2]	13'-7" [2]	15'-1" [2]	12'-8" [2]	13'-7" [2]	15'-1" [2]	12'-8" [2]	13'-7" [2]	15'-1" [2]
		800RH350-54	11'-8" [2]	12'-7" [2]	13'-10" [1]	11'-8" [2]	12'-7" [2]	13'-10" [1]	11'-8" [2]	12'-7" [2]	13'-10" [2]
		800RH350-68	12'-9" [2]	13'-9" [2]	15'-3" [2]	12'-9" [2]	13'-9" [2]	15'-3" [2]	12'-9" [2]	13'-9" [2]	15'-3" [2]
		800RH350-97	13'-11" [2]	14'-11" [2]	16'-7" [2]	13'-11" [2]	14'-11" [2]	16'-7" [2]	13'-11" [2]	14'-11" [2]	16'-7" [2]

SPAN NOTES:

1 Use 33 mil HDSC™ Clip with a 4/4 screw pattern.
2 Use 68 mil HDSC™ Clip with a 4/4 screw pattern.
3 Use 97 mil HDSC™ Clip with a 4/4 screw pattern.

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 All headers require the attachment of the HDSC™ Clip at each end with headers installed leg up.
3 Recommended HDSC™ clip attachments above are based on jamb stud thicknesses being equal to or greater than header thicknesses.
4 Header framing is calculated with a sill height of 0" for worst case design.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136.
6 For deflection calculations, the effective moment of inertia is based on an assumed stress of 0.6*F_y.
7 For ***exterior*** framing, lateral deflection calculations are based on I_w = 0.75.
8 Dead load deflection calculations are limited to L/240 or 1/2" max. deflection.
9 Header lengths should be ordered ***1/2"*** shorter to fit inside clips.

HEADER SPANS FOR **EXTERIOR** OPENINGS (ft)

(Specified Wind Load = 20 psf; Wall Dead Load = 12 psf; Sill Height = 0 in.; I_w = 0.75)

WALL HEIGHT (ft)	HEADER SIZE (in.)	MEMBER DESIGNATION	L/240			L/360			L/600		
			OPENING HEIGHT (ft)								
			7	8	9	7	8	9	7	8	9
13'-0"	3-5/8"	362RH300-33	4'-9"[2]	4'-11"[2]	5'-2"[2]	4'-9"[2]	4'-11"[2]	5'-2"[2]	4'-9"[2]	4'-11"[2]	5'-2"[2]
		362RH300-43	5'-6"[2]	5'-8"[2]	5'-11"[2]	5'-6"[2]	5'-8"[2]	5'-11"[2]	5'-6"[2]	5'-8"[2]	5'-11"[2]
		362RH300-54	7'-10"[2]	8'-1"[2]	8'-5"[2]	7'-10"[2]	8'-1"[2]	8'-5"[2]	7'-10"[2]	8'-1"[2]	8'-5"[2]
		362RH300-68	8'-9"[2]	9'-1"[2]	9'-5"[2]	8'-9"[2]	9'-1"[2]	9'-5"[2]	8'-9"[2]	9'-1"[2]	9'-5"[3]
		362RH300-97	10'-8"[2]	11'-1"[2]	11'-9"[2]	10'-8"[2]	11'-1"[2]	11'-9"[2]	10'-5"[2]	10'-5"[2]	10'-5"[3]
		362RH350-54	8'-2"[2]	8'-6"[2]	8'-10"[2]	8'-2"[2]	8'-6"[2]	8'-10"[2]	8'-2"[2]	8'-6"[2]	8'-10"[3]
		362RH350-68	9'-6"[2]	9'-10"[2]	10'-2"[2]	9'-6"[2]	9'-10"[2]	10'-2"[2]	9'-6"[2]	9'-9"[2]	9'-9"[3]
		362RH350-97	11'-8"[2]	12'-1"[2]	12'-6"[2]	11'-8"[2]	12'-1"[2]	12'-6"[2]	10'-11"[2]	10'-11"[2]	10'-11"[3]
	4"	400RH300-33	4'-11"[2]	5'-2"[2]	5'-4"[2]	4'-11"[2]	5'-2"[2]	5'-4"[2]	4'-11"[2]	5'-2"[2]	5'-4"[2]
		400RH300-43	5'-11"[2]	6'-2"[2]	6'-5"[2]	5'-11"[2]	6'-2"[2]	6'-5"[2]	5'-11"[2]	6'-2"[2]	6'-5"[2]
		400RH300-54	8'-1"[2]	8'-5"[2]	8'-10"[2]	8'-1"[2]	8'-5"[2]	8'-10"[2]	8'-1"[2]	8'-5"[2]	8'-10"[2]
		400RH300-68	9'-5"[2]	9'-9"[2]	10'-3"[2]	9'-5"[2]	9'-9"[2]	10'-3"[2]	9'-5"[2]	9'-9"[2]	10'-2"[3]
		400RH300-97	10'-9"[2]	11'-3"[2]	11'-11"[2]	10'-9"[2]	11'-3"[2]	11'-11"[2]	10'-9"[2]	11'-3"[2]	11'-3"[3]
		400RH350-54	8'-6"[2]	8'-10"[2]	9'-2"[2]	8'-6"[2]	8'-10"[2]	9'-2"[2]	8'-6"[2]	8'-10"[2]	9'-2"[3]
		400RH350-68	9'-10"[2]	10'-3"[2]	10'-8"[2]	9'-10"[2]	10'-3"[2]	10'-8"[2]	9'-10"[2]	10'-3"[2]	10'-6"[3]
		400RH350-97	11'-9"[2]	12'-4"[2]	13'-0"[2]	11'-9"[2]	12'-4"[2]	13'-0"[2]	11'-9"[2]	11'-9"[2]	11'-9"[3]
	6"	600RH300-33	5'-7"[1]	5'-10"[1]	6'-2"[1]	5'-7"[1]	5'-10"[1]	6'-2"[1]	5'-7"[1]	5'-10"[1]	6'-2"[2]
		600RH300-43	6'-9"[1]	7'-1"[1]	7'-6"[1]	6'-9"[1]	7'-1"[1]	7'-6"[1]	6'-9"[1]	7'-1"[1]	7'-6"[2]
		600RH300-54	9'-0"[2]	9'-5"[2]	10'-0"[2]	9'-0"[2]	9'-5"[2]	10'-0"[2]	9'-0"[2]	9'-5"[2]	10'-0"[3]
		600RH300-68	10'-3"[2]	10'-9"[2]	11'-5"[2]	10'-3"[2]	10'-9"[2]	11'-5"[2]	10'-3"[2]	10'-9"[2]	11'-7"[3]
		600RH300-97	11'-2"[2]	11'-8"[2]	12'-4"[2]	11'-2"[2]	11'-8"[2]	12'-4"[2]	11'-2"[2]	11'-8"[2]	12'-11"[3]
		600RH350-54	9'-5"[2]	9'-11"[2]	10'-6"[2]	9'-5"[2]	9'-11"[2]	10'-6"[2]	9'-5"[2]	9'-11"[2]	10'-6"[3]
		600RH350-68	11'-0"[2]	11'-7"[2]	12'-2"[2]	11'-0"[2]	11'-7"[2]	12'-2"[2]	11'-0"[2]	11'-7"[2]	12'-2"[3]
		600RH350-97	12'-3"[2]	12'-10"[2]	13'-7"[2]	12'-3"[2]	12'-10"[2]	13'-7"[2]	12'-3"[2]	12'-10"[2]	14'-2"[3]
	8"	800RH300-43	7'-1"[1]	7'-6"[1]	8'-0"[1]	7'-1"[1]	7'-6"[1]	8'-0"[1]	7'-1"[1]	7'-6"[1]	8'-0"[2]
		800RH300-54	9'-5"[2]	10'-0"[2]	10'-8"[2]	9'-5"[2]	10'-0"[2]	10'-8"[2]	9'-5"[2]	10'-0"[2]	10'-8"[3]
		800RH300-68	10'-6"[2]	11'-0"[2]	11'-8"[2]	10'-6"[2]	11'-0"[2]	11'-8"[2]	10'-6"[2]	11'-0"[2]	12'-3"[3]
		800RH300-97	11'-5"[2]	12'-0"[2]	12'-8"[2]	11'-5"[2]	12'-0"[2]	12'-8"[2]	11'-5"[2]	12'-0"[2]	13'-3"[3]
		800RH350-54	10'-0"[2]	10'-7"[2]	11'-3"[2]	10'-0"[2]	10'-7"[2]	11'-3"[2]	10'-0"[2]	10'-7"[2]	11'-3"[3]
		800RH350-68	11'-7"[2]	12'-1"[2]	12'-9"[2]	11'-7"[2]	12'-1"[2]	12'-9"[2]	11'-7"[2]	12'-1"[2]	13'-2"[3]
		800RH350-97	12'-7"[2]	13'-2"[2]	13'-11"[2]	12'-7"[2]	13'-2"[2]	13'-11"[2]	12'-7"[2]	13'-2"[2]	14'-7"[3]
15'-0"	3-5/8"	362RH300-33	4'-4"[2]	4'-5"[2]	4'-7"[2]	4'-4"[2]	4'-5"[2]	4'-7"[2]	4'-4"[2]	4'-5"[2]	4'-7"[2]
		362RH300-43	5'-0"[2]	5'-1"[2]	5'-3"[2]	5'-0"[2]	5'-1"[2]	5'-3"[2]	5'-0"[2]	5'-1"[2]	5'-3"[2]
		362RH300-54	7'-0"[2]	7'-3"[2]	7'-6"[2]	7'-0"[2]	7'-3"[2]	7'-6"[2]	7'-0"[2]	7'-3"[2]	7'-6"[3]
		362RH300-68	7'-11"[2]	8'-1"[2]	8'-4"[2]	7'-11"[2]	8'-1"[2]	8'-4"[2]	7'-11"[2]	8'-1"[2]	8'-4"[3]
		362RH300-97	9'-10"[2]	10'-3"[2]	10'-7"[2]	9'-10"[2]	10'-3"[2]	10'-7"[2]	9'-10"[2]	10'-0"[2]	10'-0"[3]
		362RH350-54	7'-5"[2]	7'-7"[2]	7'-10"[2]	7'-5"[2]	7'-7"[2]	7'-10"[2]	7'-5"[2]	7'-7"[2]	7'-10"[3]
		362RH350-68	8'-7"[2]	8'-10"[2]	9'-1"[2]	8'-7"[2]	8'-10"[2]	9'-1"[2]	8'-7"[2]	8'-10"[2]	9'-1"[3]
		362RH350-97	10'-6"[2]	10'-10"[2]	11'-2"[2]	10'-6"[2]	10'-10"[2]	11'-2"[2]	10'-5"[2]	10'-5"[2]	10'-5"[3]
	4"	400RH300-33	4'-6"[2]	4'-7"[2]	4'-9"[2]	4'-6"[2]	4'-7"[2]	4'-9"[2]	4'-6"[2]	4'-7"[2]	4'-9"[2]
		400RH300-43	5'-4"[2]	5'-6"[2]	5'-8"[2]	5'-4"[2]	5'-6"[2]	5'-8"[2]	5'-4"[2]	5'-6"[2]	5'-8"[2]
		400RH300-54	7'-3"[2]	7'-6"[2]	7'-9"[2]	7'-3"[2]	7'-6"[2]	7'-9"[2]	7'-3"[2]	7'-6"[2]	7'-9"[3]
		400RH300-68	8'-5"[2]	8'-8"[2]	9'-0"[2]	8'-5"[2]	8'-8"[2]	9'-0"[2]	8'-5"[2]	8'-8"[2]	9'-0"[3]
		400RH300-97	10'-0"[2]	10'-4"[2]	10'-9"[2]	10'-0"[2]	10'-4"[2]	10'-9"[2]	10'-0"[2]	10'-4"[2]	10'-9"[3]
		400RH350-54	7'-8"[2]	7'-11"[2]	8'-2"[2]	7'-8"[2]	7'-11"[2]	8'-2"[2]	7'-8"[2]	7'-11"[2]	8'-2"[3]
		400RH350-68	8'-10"[2]	9'-2"[2]	9'-5"[2]	8'-10"[2]	9'-2"[2]	9'-5"[2]	8'-10"[2]	9'-2"[2]	9'-5"[3]
		400RH350-97	10'-11"[2]	11'-3"[2]	11'-7"[2]	10'-11"[2]	11'-3"[2]	11'-7"[2]	10'-11"[2]	11'-2"[2]	11'-2"[3]
	6"	600RH300-33	4'-11"[1]	5'-2"[1]	5'-4"[1]	4'-11"[1]	5'-2"[1]	5'-4"[1]	4'-11"[1]	5'-2"[1]	5'-4"[2]
		600RH300-43	6'-0"[2]	6'-3"[2]	6'-6"[2]	6'-0"[2]	6'-3"[2]	6'-6"[2]	6'-0"[2]	6'-3"[2]	6'-6"[2]
		600RH300-54	8'-0"[2]	8'-4"[2]	8'-8"[2]	8'-0"[2]	8'-4"[2]	8'-8"[2]	8'-0"[2]	8'-4"[2]	8'-8"[3]
		600RH300-68	9'-3"[2]	9'-8"[2]	10'-1"[2]	9'-3"[2]	9'-8"[2]	10'-1"[2]	9'-3"[2]	9'-8"[2]	10'-1"[3]
		600RH300-97	10'-5"[2]	10'-9"[2]	11'-2"[2]	10'-5"[2]	10'-9"[2]	11'-2"[2]	10'-5"[2]	10'-9"[2]	11'-2"[3]
		600RH350-54	8'-5"[2]	8'-9"[2]	9'-2"[2]	8'-5"[2]	8'-9"[2]	9'-2"[2]	8'-5"[2]	8'-9"[2]	9'-2"[3]
		600RH350-68	9'-10"[2]	10'-3"[2]	10'-8"[2]	9'-10"[2]	10'-3"[2]	10'-8"[2]	9'-10"[2]	10'-3"[2]	10'-8"[3]
		600RH350-97	11'-5"[2]	11'-9"[2]	12'-3"[2]	11'-5"[2]	11'-9"[2]	12'-3"[2]	11'-5"[2]	11'-9"[2]	12'-3"[3]
	8"	800RH300-43	6'-3"[2]	6'-7"[2]	6'-11"[2]	6'-3"[2]	6'-7"[2]	6'-11"[2]	6'-3"[2]	6'-7"[2]	6'-11"[2]
		800RH300-54	8'-4"[2]	8'-9"[2]	9'-2"[2]	8'-4"[2]	8'-9"[2]	9'-2"[2]	8'-4"[2]	8'-9"[2]	9'-2"[3]
		800RH300-68	9'-9"[2]	10'-2"[2]	10'-6"[2]	9'-9"[2]	10'-2"[2]	10'-6"[2]	9'-9"[2]	10'-2"[2]	10'-6"[3]
		800RH300-97	10'-8"[2]	11'-0"[2]	11'-5"[2]	10'-8"[2]	11'-0"[2]	11'-5"[2]	10'-8"[2]	11'-0"[2]	11'-5"[3]
		800RH350-54	8'-10"[2]	9'-3"[2]	9'-9"[2]	8'-10"[2]	9'-3"[2]	9'-9"[2]	8'-10"[2]	9'-3"[2]	9'-9"[3]
		800RH350-68	10'-4"[2]	10'-10"[2]	11'-4"[2]	10'-4"[2]	10'-10"[2]	11'-4"[2]	10'-4"[2]	10'-10"[2]	11'-4"[3]
		800RH350-97	11'-8"[2]	12'-1"[2]	12'-7"[2]	11'-8"[2]	12'-1"[2]	12'-7"[2]	11'-8"[2]	12'-1"[2]	12'-7"[3]

SPAN NOTES:

1 Use 33 mil HDSC™ Clip with a 4/4 screw pattern.
2 Use 68 mil HDSC™ Clip with a 4/4 screw pattern.
3 Use 97 mil HDSC™ Clip with a 4/4 screw pattern.

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 All headers require the attachment of the HDSC™ Clip at each end with headers installed leg up.
3 Recommended HDSC™ clip attachments above are based on jamb stud thicknesses being equal to or greater than header thicknesses.
4 Header framing is calculated with a sill height of 0" for worst case design.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136.
6 For deflection calculations, the effective moment of inertia is based on an assumed stress of $0.6*F_y$.
7 For ***exterior*** framing, lateral deflection calculations are based on I_w = 0.75.
8 Dead load deflection calculations are limited to L/240 or 1/2" max. deflection.
9 Header lengths should be ordered ***1/2"*** shorter to fit inside clips.

BAILEY®
METAL PRODUCTS LIMITED

(IMPERIAL)

HEADER SPANS FOR **EXTERIOR** OPENINGS (ft)

(Specified Wind Load = 25 psf; Wall Dead Load = 12 psf; Sill Height = 0 in.; I_w = 0.75)

WALL HEIGHT (ft)	HEADER SIZE (in.)	MEMBER DESIGNATION	L/240			L/360			L/600		
			OPENING HEIGHT (ft)								
			7	8	9	7	8	9	7	8	9
9'-0"	3-5/8"	362RH300-33	5'-11" [1]	6'-3" [2]	-	5'-11" [1]	6'-3" [2]	-	5'-11" [1]	6'-3" [2]	-
		362RH300-43	6'-9" [2]	7'-2" [2]	-	6'-9" [2]	7'-2" [2]	-	6'-9" [2]	7'-2" [2]	-
		362RH300-54	9'-10" [2]	10'-5" [2]	-	9'-10" [2]	10'-5" [2]	-	9'-1" [2]	9'-1" [2]	-
		362RH300-68	10'-10" [2]	11'-6" [2]	-	10'-10" [2]	11'-6" [2]	-	9'-11" [2]	9'-11" [2]	-
		362RH300-97	13'-11" [2]	14'-10" [2]	-	13'-0" [2]	13'-0" [2]	-	11'-0" [2]	11'-0" [2]	-
		362RH350-54	10'-2" [2]	10'-9" [2]	-	10'-2" [2]	10'-9" [2]	-	9'-4" [2]	9'-4" [2]	-
		362RH350-68	11'-9" [2]	12'-5" [2]	-	11'-9" [2]	12'-2" [2]	-	10'-3" [2]	10'-3" [2]	-
		362RH350-97	14'-5" [2]	15'-3" [2]	-	13'-7" [2]	13'-7" [2]	-	11'-5" [2]	11'-5" [2]	-
	4"	400RH300-33	6'-3" [1]	6'-8" [1]	-	6'-3" [1]	6'-8" [1]	-	6'-3" [1]	6'-8" [1]	-
		400RH300-43	7'-6" [2]	8'-0" [2]	-	7'-6" [2]	8'-0" [2]	-	7'-6" [2]	8'-0" [2]	-
		400RH300-54	10'-4" [2]	11'-0" [2]	-	10'-4" [2]	11'-0" [2]	-	9'-10" [2]	9'-10" [2]	-
		400RH300-68	11'-11" [2]	12'-9" [2]	-	11'-11" [2]	12'-8" [2]	-	10'-8" [2]	10'-8" [2]	-
		400RH300-97	14'-2" [2]	15'-8" [2]	-	14'-1" [2]	14'-1" [2]	-	11'-10" [2]	11'-10" [2]	-
		400RH350-54	10'-8" [2]	11'-5" [2]	-	10'-8" [2]	11'-5" [2]	-	10'-1" [2]	10'-1" [2]	-
		400RH350-68	12'-4" [2]	13'-2" [2]	-	12'-4" [2]	13'-1" [2]	-	11'-0" [2]	11'-0" [2]	-
		400RH350-97	15'-2" [2]	16'-1" [2]	-	14'-7" [2]	14'-7" [2]	-	12'-4" [2]	12'-4" [2]	-
	6"	600RH300-33	7'-5" [1]	8'-1" [1]	-	7'-5" [1]	8'-1" [1]	-	7'-5" [1]	8'-1" [1]	-
		600RH300-43	9'-1" [1]	10'-0" [1]	-	9'-1" [1]	10'-0" [1]	-	9'-1" [1]	10'-0" [1]	-
		600RH300-54	12'-1" [1]	13'-3" [1]	-	12'-1" [1]	13'-3" [1]	-	12'-1" [1]	13'-3" [1]	-
		600RH300-68	13'-6" [1]	15'-5" [1]	-	13'-6" [1]	15'-5" [1]	-	13'-6" [1]	14'-6" [1]	-
		600RH300-97	14'-8" [1]	17'-6" [2]	-	14'-8" [1]	17'-6" [2]	-	14'-8" [1]	16'-2" [2]	-
		600RH350-54	12'-6" [1]	13'-8" [1]	-	12'-6" [1]	13'-8" [1]	-	12'-6" [1]	13'-8" [1]	-
		600RH350-68	14'-7" [1]	15'-11" [2]	-	14'-7" [1]	15'-11" [2]	-	14'-7" [1]	15'-0" [2]	-
		600RH350-97	16'-2" [2]	19'-2" [2]	-	16'-2" [2]	19'-2" [2]	-	16'-2" [2]	16'-9" [2]	-
	8"	800RH300-43	9'-11" [1]	11'-2" [1]	-	9'-11" [1]	11'-2" [1]	-	9'-11" [1]	11'-2" [1]	-
		800RH300-54	13'-0" [1]	14'-11" [1]	-	13'-0" [1]	14'-11" [1]	-	13'-0" [1]	14'-11" [1]	-
		800RH300-68	13'-11" [1]	16'-6" [1]	-	13'-11" [1]	16'-6" [1]	-	13'-11" [1]	16'-6" [1]	-
		800RH300-97	15'-1" [1]	17'-11" [1]	-	15'-1" [1]	17'-11" [1]	-	15'-1" [1]	17'-11" [1]	-
		800RH350-54	13'-9" [1]	15'-5" [1]	-	13'-9" [1]	15'-5" [1]	-	13'-9" [1]	15'-5" [1]	-
		800RH350-68	15'-3" [1]	18'-0" [1]	-	15'-3" [1]	18'-0" [1]	-	15'-3" [1]	18'-0" [1]	-
		800RH350-97	16'-7" [1]	19'-8" [1]	-	16'-7" [1]	19'-8" [1]	-	16'-7" [1]	19'-8" [1]	-
11'-0"	3-5/8"	362RH300-33	5'-0" [1]	5'-3" [2]	5'-6" [2]	5'-0" [1]	5'-3" [2]	5'-6" [2]	5'-0" [1]	5'-3" [2]	5'-6" [2]
		362RH300-43	5'-9" [2]	6'-0" [2]	6'-3" [2]	5'-9" [2]	6'-0" [2]	6'-3" [2]	5'-9" [2]	6'-0" [2]	6'-3" [3]
		362RH300-54	8'-3" [2]	8'-8" [2]	9'-1" [2]	8'-3" [2]	8'-8" [2]	9'-1" [2]	8'-3" [2]	8'-6" [2]	8'-6" [2]
		362RH300-68	9'-3" [2]	9'-7" [2]	10'-0" [2]	9'-3" [2]	9'-7" [2]	10'-0" [2]	9'-3" [2]	9'-3" [2]	9'-3" [2]
		362RH300-97	11'-9" [2]	12'-3" [2]	12'-10" [2]	11'-9" [2]	12'-2" [2]	12'-2" [2]	10'-3" [2]	10'-3" [2]	10'-3" [2]
		362RH350-54	8'-8" [2]	9'-0" [2]	9'-5" [2]	8'-8" [2]	9'-0" [2]	9'-5" [2]	8'-8" [2]	8'-9" [2]	8'-9" [2]
		362RH350-68	10'-0" [2]	10'-5" [2]	10'-10" [2]	10'-0" [2]	10'-5" [2]	10'-10" [2]	9'-7" [2]	9'-7" [2]	9'-7" [2]
		362RH350-97	12'-3" [2]	12'-9" [2]	13'-3" [2]	12'-3" [2]	12'-8" [2]	12'-8" [2]	10'-8" [2]	10'-8" [2]	10'-8" [2]
	4"	400RH300-33	5'-3" [1]	5'-6" [1]	5'-9" [2]	5'-3" [1]	5'-6" [1]	5'-9" [2]	5'-3" [1]	5'-6" [1]	5'-9" [2]
		400RH300-43	6'-4" [2]	6'-7" [2]	6'-11" [2]	6'-4" [2]	6'-7" [2]	6'-11" [2]	6'-4" [2]	6'-7" [2]	6'-11" [3]
		400RH300-54	8'-8" [2]	9'-1" [2]	9'-6" [2]	8'-8" [2]	9'-1" [2]	9'-6" [2]	8'-8" [2]	9'-1" [2]	9'-2" [2]
		400RH300-68	10'-0" [2]	10'-6" [2]	11'-1" [2]	10'-0" [2]	10'-6" [2]	11'-1" [2]	10'-0" [2]	10'-0" [2]	10'-0" [2]
		400RH300-97	11'-11" [2]	12'-9" [2]	13'-6" [2]	11'-11" [2]	12'-9" [2]	13'-2" [2]	11'-1" [2]	11'-1" [2]	11'-1" [2]
		400RH350-54	9'-0" [2]	9'-5" [2]	9'-11" [2]	9'-0" [2]	9'-5" [2]	9'-11" [2]	9'-0" [2]	9'-5" [2]	9'-5" [2]
		400RH350-68	10'-5" [2]	10'-11" [2]	11'-5" [2]	10'-5" [2]	10'-11" [2]	11'-5" [2]	10'-4" [2]	10'-4" [2]	10'-4" [2]
		400RH350-97	12'-10" [2]	13'-4" [2]	14'-0" [2]	12'-10" [2]	13'-4" [2]	13'-8" [2]	11'-6" [2]	11'-6" [2]	11'-6" [2]
	6"	600RH300-33	6'-1" [1]	6'-5" [1]	6'-11" [1]	6'-1" [1]	6'-5" [1]	6'-11" [1]	6'-1" [1]	6'-5" [1]	6'-11" [3]
		600RH300-43	7'-5" [1]	7'-11" [1]	8'-6" [1]	7'-5" [1]	7'-11" [1]	8'-6" [1]	7'-5" [1]	7'-11" [1]	8'-6" [3]
		600RH300-54	9'-10" [2]	10'-6" [1]	11'-3" [1]	9'-10" [2]	10'-6" [1]	11'-3" [1]	9'-10" [2]	10'-6" [1]	11'-3" [2]
		600RH300-68	11'-5" [2]	12'-2" [2]	13'-1" [2]	11'-5" [2]	12'-2" [2]	13'-1" [2]	11'-5" [2]	12'-2" [2]	13'-1" [2]
		600RH300-97	12'-4" [2]	13'-3" [2]	14'-8" [2]	12'-4" [2]	13'-3" [2]	14'-8" [2]	12'-4" [2]	13'-3" [2]	14'-8" [2]
		600RH350-54	10'-4" [2]	10'-11" [2]	11'-8" [2]	10'-4" [2]	10'-11" [2]	11'-8" [2]	10'-4" [2]	10'-11" [2]	11'-8" [2]
		600RH350-68	12'-0" [2]	12'-9" [2]	13'-7" [2]	12'-0" [2]	12'-9" [2]	13'-7" [2]	12'-0" [2]	12'-9" [2]	13'-7" [2]
		600RH350-97	13'-7" [2]	14'-7" [2]	16'-2" [2]	13'-7" [2]	14'-7" [2]	16'-2" [2]	13'-7" [2]	14'-7" [2]	15'-8" [2]
	8"	800RH300-43	7'-11" [1]	8'-7" [1]	9'-4" [1]	7'-11" [1]	8'-7" [1]	9'-4" [1]	7'-11" [1]	8'-7" [1]	9'-4" [3]
		800RH300-54	10'-7" [1]	11'-4" [1]	12'-5" [1]	10'-7" [1]	11'-4" [1]	12'-5" [1]	10'-7" [1]	11'-4" [1]	12'-5" [2]
		800RH300-68	11'-8" [2]	12'-6" [1]	13'-11" [1]	11'-8" [2]	12'-6" [1]	13'-11" [1]	11'-8" [2]	12'-6" [1]	13'-11" [2]
		800RH300-97	12'-8" [2]	13'-7" [2]	15'-1" [2]	12'-8" [2]	13'-7" [2]	15'-1" [2]	12'-8" [2]	13'-7" [2]	15'-1" [2]
		800RH350-54	11'-1" [2]	11'-11" [2]	12'-11" [1]	11'-1" [2]	11'-11" [2]	12'-11" [1]	11'-1" [2]	11'-11" [2]	12'-11" [2]
		800RH350-68	12'-9" [2]	13'-9" [2]	15'-1" [2]	12'-9" [2]	13'-9" [2]	15'-1" [2]	12'-9" [2]	13'-9" [2]	15'-1" [2]
		800RH350-97	13'-11" [2]	14'-11" [2]	16'-7" [2]	13'-11" [2]	14'-11" [2]	16'-7" [2]	13'-11" [2]	14'-11" [2]	16'-7" [2]

SPAN NOTES:

1 Use 33 mil HDSC™ Clip with a 4/4 screw pattern.
2 Use 68 mil HDSC™ Clip with a 4/4 screw pattern.
3 Use 97 mil HDSC™ Clip with a 4/4 screw pattern.

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 All headers require the attachment of the HDSC™ Clip at each end with headers installed leg up.
3 Recommended HDSC™ clip attachments above are based on jamb stud thicknesses being equal to or greater than header thicknesses.
4 Header framing is calculated with a sill height of 0" for worst case design.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136.
6 For deflection calculations, the effective moment of inertia is based on an assumed stress of 0.6*F_y.
7 For ***exterior*** framing, lateral deflection calculations are based on I_w = 0.75.
8 Dead load deflection calculations are limited to L/240 or 1/2" max. deflection.
9 Header lengths should be ordered ***1/2"*** shorter to fit inside clips.

HEADER SPANS FOR **EXTERIOR** OPENINGS (ft)

(Specified Wind Load = 25 psf; Wall Dead Load = 12 psf; Sill Height = 0 in.; I_w = 0.75)

WALL HEIGHT (ft)	HEADER SIZE (in.)	MEMBER DESIGNATION	L/240			L/360			L/600		
			OPENING HEIGHT (ft)								
			7	8	9	7	8	9	7	8	9
13'-0"	3-5/8"	362RH300-33	4'-5"[2]	4'-7"[2]	4'-9"[2]	4'-5"[2]	4'-7"[2]	4'-9"[2]	4'-5"[2]	4'-7"[2]	4'-9"[2]
		362RH300-43	5'-1"[2]	5'-3"[2]	5'-5"[2]	5'-1"[2]	5'-3"[2]	5'-5"[2]	5'-1"[2]	5'-3"[2]	5'-5"[2]
		362RH300-54	7'-4"[2]	7'-7"[2]	7'-10"[2]	7'-4"[2]	7'-7"[2]	7'-10"[2]	7'-4"[2]	7'-7"[2]	7'-10"[3]
		362RH300-68	8'-2"[2]	8'-5"[2]	8'-8"[2]	8'-2"[2]	8'-5"[2]	8'-8"[2]	8'-2"[2]	8'-5"[2]	8'-8"[3]
		362RH300-97	10'-4"[2]	10'-8"[2]	11'-1"[2]	10'-4"[2]	10'-8"[2]	11'-1"[2]	9'-8"[2]	9'-8"[2]	9'-8"[3]
		362RH350-54	7'-8"[2]	7'-11"[2]	8'-2"[2]	7'-8"[2]	7'-11"[2]	8'-2"[2]	7'-8"[2]	7'-11"[2]	8'-2"[3]
		362RH350-68	8'-10"[2]	9'-1"[2]	9'-5"[2]	8'-10"[2]	9'-1"[2]	9'-5"[2]	8'-10"[2]	9'-1"[2]	9'-1"[3]
		362RH350-97	10'-10"[2]	11'-2"[2]	11'-7"[2]	10'-10"[2]	11'-2"[2]	11'-7"[2]	10'-1"[2]	10'-1"[2]	10'-1"[3]
	4"	400RH300-33	4'-8"[2]	4'-10"[2]	5'-0"[2]	4'-8"[2]	4'-10"[2]	5'-0"[2]	4'-8"[2]	4'-10"[2]	5'-0"[2]
		400RH300-43	5'-7"[2]	5'-9"[2]	6'-0"[2]	5'-7"[2]	5'-9"[2]	6'-0"[2]	5'-7"[2]	5'-9"[2]	6'-0"[2]
		400RH300-54	7'-7"[2]	7'-10"[2]	8'-2"[2]	7'-7"[2]	7'-10"[2]	8'-2"[2]	7'-7"[2]	7'-10"[2]	8'-2"[3]
		400RH300-68	8'-10"[2]	9'-2"[2]	9'-6"[2]	8'-10"[2]	9'-2"[2]	9'-6"[2]	8'-10"[2]	9'-2"[2]	9'-5"[3]
		400RH300-97	10'-9"[2]	11'-2"[2]	11'-7"[2]	10'-9"[2]	11'-2"[2]	11'-7"[2]	10'-6"[2]	10'-6"[2]	10'-6"[3]
		400RH350-54	7'-11"[2]	8'-3"[2]	8'-6"[2]	7'-11"[2]	8'-3"[2]	8'-6"[2]	7'-11"[2]	8'-3"[2]	8'-6"[3]
		400RH350-68	9'-2"[2]	9'-6"[2]	9'-10"[2]	9'-2"[2]	9'-6"[2]	9'-10"[2]	9'-2"[2]	9'-6"[2]	9'-9"[3]
		400RH350-97	11'-4"[2]	11'-8"[2]	12'-1"[2]	11'-4"[2]	11'-8"[2]	12'-1"[2]	10'-11"[2]	10'-11"[2]	10'-11"[3]
	6"	600RH300-33	5'-3"[1]	5'-6"[1]	5'-9"[1]	5'-3"[1]	5'-6"[1]	5'-9"[1]	5'-3"[1]	5'-6"[1]	5'-9"[2]
		600RH300-43	6'-5"[1]	6'-9"[1]	7'-1"[1]	6'-5"[1]	6'-9"[1]	7'-1"[1]	6'-5"[1]	6'-9"[1]	7'-1"[2]
		600RH300-54	8'-6"[2]	8'-11"[2]	9'-5"[2]	8'-6"[2]	8'-11"[2]	9'-5"[2]	8'-6"[2]	8'-11"[2]	9'-5"[3]
		600RH300-68	9'-11"[2]	10'-5"[2]	10'-11"[2]	9'-11"[2]	10'-5"[2]	10'-11"[2]	9'-11"[2]	10'-5"[2]	10'-11"[3]
		600RH300-97	11'-2"[2]	11'-8"[2]	12'-4"[2]	11'-2"[2]	11'-8"[2]	12'-4"[2]	11'-2"[2]	11'-8"[2]	12'-11"[3]
		600RH350-54	9'-0"[2]	9'-4"[2]	9'-10"[2]	9'-0"[2]	9'-4"[2]	9'-10"[2]	9'-0"[2]	9'-4"[2]	9'-10"[3]
		600RH350-68	10'-5"[2]	10'-11"[2]	11'-5"[2]	10'-5"[2]	10'-11"[2]	11'-5"[2]	10'-5"[2]	10'-11"[2]	11'-5"[3]
		600RH350-97	12'-3"[2]	12'-10"[2]	13'-7"[2]	12'-3"[2]	12'-10"[2]	13'-7"[2]	12'-3"[2]	12'-10"[2]	14'-2"[3]
	8"	800RH300-43	6'-10"[1]	7'-2"[1]	7'-8"[1]	6'-10"[1]	7'-2"[1]	7'-8"[1]	6'-10"[1]	7'-2"[1]	7'-8"[3]
		800RH300-54	9'-1"[2]	9'-7"[2]	10'-2"[2]	9'-1"[2]	9'-7"[2]	10'-2"[2]	9'-1"[2]	9'-7"[2]	10'-2"[3]
		800RH300-68	10'-6"[2]	11'-0"[2]	11'-8"[2]	10'-6"[2]	11'-0"[2]	11'-8"[2]	10'-6"[2]	11'-0"[2]	11'-10"[3]
		800RH300-97	11'-5"[2]	12'-0"[2]	12'-8"[2]	11'-5"[2]	12'-0"[2]	12'-8"[2]	11'-5"[2]	12'-0"[2]	13'-3"[3]
		800RH350-54	9'-7"[2]	10'-1"[2]	10'-8"[2]	9'-7"[2]	10'-1"[2]	10'-8"[2]	9'-7"[2]	10'-1"[2]	10'-8"[3]
		800RH350-68	11'-2"[2]	11'-9"[2]	12'-5"[2]	11'-2"[2]	11'-9"[2]	12'-5"[2]	11'-2"[2]	11'-9"[2]	12'-5"[3]
		800RH350-97	12'-7"[2]	13'-2"[2]	13'-11"[2]	12'-7"[2]	13'-2"[2]	13'-11"[2]	12'-7"[2]	13'-2"[2]	14'-7"[3]
15'-0"	3-5/8"	362RH300-33	4'-0"[2]	4'-2"[2]	4'-3"[2]	4'-0"[2]	4'-2"[2]	4'-3"[2]	4'-0"[2]	4'-2"[2]	4'-3"[2]
		362RH300-43	4'-8"[2]	4'-9"[2]	4'-10"[2]	4'-8"[2]	4'-9"[2]	4'-10"[2]	4'-8"[2]	4'-9"[2]	4'-10"[2]
		362RH300-54	6'-7"[2]	6'-9"[2]	7'-0"[2]	6'-7"[2]	6'-9"[2]	7'-0"[2]	6'-7"[2]	6'-9"[2]	7'-0"[3]
		362RH300-68	7'-5"[2]	7'-7"[2]	7'-9"[2]	7'-5"[2]	7'-7"[2]	7'-9"[2]	7'-5"[2]	7'-7"[2]	7'-9"[3]
		362RH300-97	9'-4"[2]	9'-7"[2]	9'-11"[2]	9'-4"[2]	9'-7"[2]	9'-11"[2]	9'-3"[2]	9'-3"[2]	9'-3"[3]
		362RH350-54	6'-11"[2]	7'-1"[2]	7'-3"[2]	6'-11"[2]	7'-1"[2]	7'-3"[2]	6'-11"[2]	7'-1"[2]	7'-3"[3]
		362RH350-68	8'-0"[2]	8'-3"[2]	8'-5"[2]	8'-0"[2]	8'-3"[2]	8'-5"[2]	8'-0"[2]	8'-3"[2]	8'-5"[3]
		362RH350-97	9'-10"[2]	10'-1"[2]	10'-4"[2]	9'-10"[2]	10'-1"[2]	10'-4"[2]	9'-8"[2]	9'-8"[2]	9'-8"[3]
	4"	400RH300-33	4'-2"[2]	4'-4"[2]	4'-5"[2]	4'-2"[2]	4'-4"[2]	4'-5"[2]	4'-2"[2]	4'-4"[2]	4'-5"[2]
		400RH300-43	5'-0"[2]	5'-2"[2]	5'-4"[2]	5'-0"[2]	5'-2"[2]	5'-4"[2]	5'-0"[2]	5'-2"[2]	5'-4"[2]
		400RH300-54	6'-10"[2]	7'-1"[2]	7'-3"[2]	6'-10"[2]	7'-1"[2]	7'-3"[2]	6'-10"[2]	7'-1"[2]	7'-3"[3]
		400RH300-68	7'-11"[2]	8'-2"[2]	8'-5"[2]	7'-11"[2]	8'-2"[2]	8'-5"[2]	7'-11"[2]	8'-2"[2]	8'-5"[3]
		400RH300-97	9'-9"[2]	10'-0"[2]	10'-4"[2]	9'-9"[2]	10'-0"[2]	10'-4"[2]	9'-9"[2]	10'-0"[2]	10'-0"[3]
		400RH350-54	7'-2"[2]	7'-5"[2]	7'-7"[2]	7'-2"[2]	7'-5"[2]	7'-7"[2]	7'-2"[2]	7'-5"[2]	7'-7"[3]
		400RH350-68	8'-4"[2]	8'-7"[2]	8'-10"[2]	8'-4"[2]	8'-7"[2]	8'-10"[2]	8'-4"[2]	8'-7"[2]	8'-10"[3]
		400RH350-97	10'-3"[2]	10'-6"[2]	10'-9"[2]	10'-3"[2]	10'-6"[2]	10'-9"[2]	10'-3"[2]	10'-5"[2]	10'-5"[3]
	6"	600RH300-33	4'-9"[1]	4'-11"[1]	5'-1"[1]	4'-9"[1]	4'-11"[1]	5'-1"[1]	4'-9"[1]	4'-11"[1]	5'-1"[2]
		600RH300-43	5'-9"[2]	5'-11"[2]	6'-2"[2]	5'-9"[2]	5'-11"[2]	6'-2"[2]	5'-9"[2]	5'-11"[2]	6'-2"[3]
		600RH300-54	7'-8"[2]	7'-11"[2]	8'-3"[2]	7'-8"[2]	7'-11"[2]	8'-3"[2]	7'-8"[2]	7'-11"[2]	8'-3"[3]
		600RH300-68	8'-10"[2]	9'-2"[2]	9'-7"[2]	8'-10"[2]	9'-2"[2]	9'-7"[2]	8'-10"[2]	9'-2"[2]	9'-7"[3]
		600RH300-97	10'-5"[2]	10'-9"[2]	11'-2"[2]	10'-5"[2]	10'-9"[2]	11'-2"[2]	10'-5"[2]	10'-9"[2]	11'-2"[3]
		600RH350-54	8'-0"[2]	8'-4"[2]	8'-8"[2]	8'-0"[2]	8'-4"[2]	8'-8"[2]	8'-0"[2]	8'-4"[2]	8'-8"[3]
		600RH350-68	9'-4"[2]	9'-8"[2]	10'-1"[2]	9'-4"[2]	9'-8"[2]	10'-1"[2]	9'-4"[2]	9'-8"[2]	10'-1"[3]
		600RH350-97	11'-5"[2]	11'-9"[2]	12'-3"[2]	11'-5"[2]	11'-9"[2]	12'-3"[2]	11'-5"[2]	11'-9"[2]	12'-3"[3]
	8"	800RH300-43	6'-1"[2]	6'-4"[2]	6'-7"[2]	6'-1"[2]	6'-4"[2]	6'-7"[2]	6'-1"[2]	6'-4"[2]	6'-7"[3]
		800RH300-54	8'-1"[2]	8'-5"[2]	8'-9"[2]	8'-1"[2]	8'-5"[2]	8'-9"[2]	8'-1"[2]	8'-5"[2]	8'-9"[3]
		800RH300-68	9'-5"[2]	9'-9"[2]	10'-3"[2]	9'-5"[2]	9'-9"[2]	10'-3"[2]	9'-5"[2]	9'-9"[2]	10'-3"[3]
		800RH300-97	10'-8"[2]	11'-0"[2]	11'-5"[2]	10'-8"[2]	11'-0"[2]	11'-5"[2]	10'-8"[2]	11'-0"[2]	11'-5"[3]
		800RH350-54	8'-6"[2]	8'-10"[2]	9'-3"[2]	8'-6"[2]	8'-10"[2]	9'-3"[2]	8'-6"[2]	8'-10"[2]	9'-3"[3]
		800RH350-68	9'-11"[2]	10'-4"[2]	10'-10"[2]	9'-11"[2]	10'-4"[2]	10'-10"[2]	9'-11"[2]	10'-4"[2]	10'-10"[3]
		800RH350-97	11'-8"[2]	12'-1"[2]	12'-7"[2]	11'-8"[2]	12'-1"[2]	12'-7"[2]	11'-8"[2]	12'-1"[2]	12'-7"[3]

SPAN NOTES:

1 Use 33 mil HDSC™ Clip with a 4/4 screw pattern.
2 Use 68 mil HDSC™ Clip with a 4/4 screw pattern.
3 Use 97 mil HDSC™ Clip with a 4/4 screw pattern.

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 All headers require the attachment of the HDSC™ Clip at each end with headers installed leg up.
3 Recommended HDSC™ clip attachments above are based on jamb stud thicknesses being equal to or greater than header thicknesses.
4 Header framing is calculated with a sill height of 0" for worst case design.
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6 For deflection calculations, the effective moment of inertia is based on an assumed stress of 0.6*F_y.
7 For ***exterior*** framing, lateral deflection calculations are based on I_w = 0.75.
8 Dead load deflection calculations are limited to L/240 or 1/2" max. deflection.
9 Header lengths should be ordered ***1/2"*** shorter to fit inside clips.

HEADER SPANS FOR **EXTERIOR** OPENINGS (ft)

(Specified Wind Load = 30 psf; Wall Dead Load = 12 psf; Sill Height = 0 in; I_w = 0.75)

WALL HEIGHT (ft)	HEADER SIZE (in.)	MEMBER DESIGNATION	L/240			L/360			L/600		
			OPENING HEIGHT (ft)								
			7	8	9	7	8	9	7	8	9
9'-0"	3-5/8"	362RH300-33	5'-6" [1]	5'-9" [2]	-	5'-6" [1]	5'-9" [2]	-	5'-6" [1]	5'-9" [2]	-
		362RH300-43	6'-3" [2]	6'-7" [2]	-	6'-3" [2]	6'-7" [2]	-	6'-3" [2]	6'-7" [2]	-
		362RH300-54	9'-1" [2]	9'-7" [2]	-	9'-1" [2]	9'-7" [2]	-	8'-7" [2]	8'-7" [2]	-
		362RH300-68	10'-1" [2]	10'-7" [2]	-	10'-1" [2]	10'-7" [2]	-	9'-4" [2]	9'-4" [2]	-
		362RH300-97	12'-11" [2]	13'-8" [2]	-	12'-3" [2]	12'-3" [2]	-	10'-4" [2]	10'-4" [2]	-
		362RH350-54	9'-5" [2]	9'-11" [2]	-	9'-5" [2]	9'-11" [2]	-	8'-10" [2]	8'-10" [2]	-
		362RH350-68	10'-11" [2]	11'-6" [2]	-	10'-11" [2]	11'-5" [2]	-	9'-8" [2]	9'-8" [2]	-
		362RH350-97	13'-5" [2]	14'-0" [2]	-	12'-9" [2]	12'-9" [2]	-	10'-9" [2]	10'-9" [2]	-
	4"	400RH300-33	5'-10" [1]	6'-1" [1]	-	5'-10" [1]	6'-1" [1]	-	5'-10" [1]	6'-1" [1]	-
		400RH300-43	7'-0" [2]	7'-5" [2]	-	7'-0" [2]	7'-5" [2]	-	7'-0" [2]	7'-5" [2]	-
		400RH300-54	9'-7" [2]	10'-2" [2]	-	9'-7" [2]	10'-2" [2]	-	9'-3" [2]	9'-3" [2]	-
		400RH300-68	11'-2" [2]	11'-10" [2]	-	11'-2" [2]	11'-10" [2]	-	10'-0" [2]	10'-0" [2]	-
		400RH300-97	13'-8" [2]	14'-5" [2]	-	13'-3" [2]	13'-3" [2]	-	11'-2" [2]	11'-2" [2]	-
		400RH350-54	9'-11" [2]	10'-6" [2]	-	9'-11" [2]	10'-6" [2]	-	9'-6" [2]	9'-6" [2]	-
		400RH350-68	11'-6" [2]	12'-2" [2]	-	11'-6" [2]	12'-2" [2]	-	10'-5" [2]	10'-5" [2]	-
		400RH350-97	14'-1" [2]	14'-10" [2]	-	13'-9" [2]	13'-9" [2]	-	11'-7" [2]	11'-7" [2]	-
	6"	600RH300-33	6'-11" [1]	7'-6" [1]	-	6'-11" [1]	7'-6" [1]	-	6'-11" [1]	7'-6" [1]	-
		600RH300-43	8'-6" [1]	9'-3" [1]	-	8'-6" [1]	9'-3" [1]	-	8'-6" [1]	9'-3" [1]	-
		600RH300-54	11'-4" [1]	12'-4" [1]	-	11'-4" [1]	12'-4" [1]	-	11'-4" [1]	12'-4" [1]	-
		600RH300-68	13'-2" [1]	14'-4" [1]	-	13'-2" [1]	14'-4" [1]	-	13'-2" [1]	13'-8" [1]	-
		600RH300-97	14'-8" [1]	17'-6" [2]	-	14'-8" [1]	17'-6" [2]	-	14'-8" [1]	15'-3" [2]	-
		600RH350-54	11'-9" [1]	12'-8" [1]	-	11'-9" [1]	12'-8" [1]	-	11'-9" [1]	12'-8" [1]	-
		600RH350-68	13'-8" [1]	14'-10" [2]	-	13'-8" [1]	14'-10" [2]	-	13'-8" [1]	14'-1" [2]	-
		600RH350-97	16'-2" [2]	18'-6" [2]	-	16'-2" [2]	18'-6" [2]	-	15'-10" [2]	15'-10" [2]	-
	8"	800RH300-43	9'-5" [1]	10'-5" [1]	-	9'-5" [1]	10'-5" [1]	-	9'-5" [1]	10'-5" [1]	-
		800RH300-54	12'-6" [1]	13'-11" [1]	-	12'-6" [1]	13'-11" [1]	-	12'-6" [1]	13'-11" [1]	-
		800RH300-68	13'-11" [1]	16'-3" [1]	-	13'-11" [1]	16'-3" [1]	-	13'-11" [1]	16'-3" [1]	-
		800RH300-97	15'-1" [1]	17'-11" [1]	-	15'-1" [1]	17'-11" [1]	-	15'-1" [1]	17'-11" [1]	-
		800RH350-54	13'-0" [1]	14'-4" [1]	-	13'-0" [1]	14'-4" [1]	-	13'-0" [1]	14'-4" [1]	-
		800RH350-68	15'-2" [1]	16'-9" [1]	-	15'-2" [1]	16'-9" [1]	-	15'-2" [1]	16'-9" [1]	-
		800RH350-97	16'-7" [1]	19'-8" [1]	-	16'-7" [1]	19'-8" [1]	-	16'-7" [1]	19'-8" [1]	-
11'-0"	3-5/8"	362RH300-33	4'-9" [1]	4'-11" [2]	5'-1" [2]	4'-9" [1]	4'-11" [2]	5'-1" [2]	4'-9" [1]	4'-11" [2]	5'-1" [3]
		362RH300-43	5'-5" [2]	5'-7" [2]	5'-9" [2]	5'-5" [2]	5'-7" [2]	5'-9" [2]	5'-5" [2]	5'-7" [2]	5'-9" [3]
		362RH300-54	7'-9" [2]	8'-1" [2]	8'-5" [2]	7'-9" [2]	8'-1" [2]	8'-5" [2]	7'-9" [2]	8'-0" [2]	8'-0" [2]
		362RH300-68	8'-8" [2]	8'-11" [2]	9'-3" [2]	8'-8" [2]	8'-11" [2]	9'-3" [2]	8'-8" [2]	8'-8" [2]	8'-8" [2]
		362RH300-97	11'-0" [2]	11'-5" [2]	11'-11" [2]	11'-0" [2]	11'-5" [2]	11'-5" [2]	9'-8" [2]	9'-8" [2]	9'-8" [3]
		362RH350-54	8'-1" [2]	8'-5" [2]	8'-8" [2]	8'-1" [2]	8'-5" [2]	8'-8" [2]	8'-1" [2]	8'-3" [2]	8'-3" [2]
		362RH350-68	9'-4" [2]	9'-8" [2]	10'-1" [2]	9'-4" [2]	9'-8" [2]	10'-1" [2]	9'-0" [2]	9'-0" [2]	9'-0" [2]
		362RH350-97	11'-6" [2]	11'-10" [2]	12'-4" [2]	11'-6" [2]	11'-10" [2]	11'-11" [2]	10'-1" [2]	10'-1" [2]	10'-1" [3]
	4"	400RH300-33	4'-11" [1]	5'-2" [1]	5'-4" [2]	4'-11" [1]	5'-2" [1]	5'-4" [2]	4'-11" [1]	5'-2" [1]	5'-4" [3]
		400RH300-43	5'-11" [2]	6'-2" [2]	6'-5" [2]	5'-11" [2]	6'-2" [2]	6'-5" [2]	5'-11" [2]	6'-2" [2]	6'-5" [3]
		400RH300-54	8'-2" [2]	8'-6" [2]	8'-10" [2]	8'-2" [2]	8'-6" [2]	8'-10" [2]	8'-2" [2]	8'-6" [2]	8'-7" [2]
		400RH300-68	9'-5" [2]	9'-10" [2]	10'-3" [2]	9'-5" [2]	9'-10" [2]	10'-3" [2]	9'-4" [2]	9'-4" [2]	9'-4" [2]
		400RH300-97	11'-7" [2]	12'-0" [2]	12'-7" [2]	11'-7" [2]	12'-0" [2]	12'-4" [2]	10'-5" [2]	10'-5" [2]	10'-5" [3]
		400RH350-54	8'-6" [2]	8'-10" [2]	9'-2" [2]	8'-6" [2]	8'-10" [2]	9'-2" [2]	8'-6" [2]	8'-10" [2]	8'-10" [2]
		400RH350-68	9'-10" [2]	10'-2" [2]	10'-7" [2]	9'-10" [2]	10'-2" [2]	10'-7" [2]	9'-9" [2]	9'-9" [2]	9'-9" [2]
		400RH350-97	12'-0" [2]	12'-6" [2]	13'-0" [2]	12'-0" [2]	12'-6" [2]	12'-10" [2]	10'-10" [2]	10'-10" [2]	10'-10" [3]
	6"	600RH300-33	5'-9" [1]	6'-1" [1]	6'-5" [1]	5'-9" [1]	6'-1" [1]	6'-5" [1]	5'-9" [1]	6'-1" [1]	6'-5" [3]
		600RH300-43	7'-0" [1]	7'-5" [1]	7'-11" [1]	7'-0" [1]	7'-5" [1]	7'-11" [1]	7'-0" [1]	7'-5" [1]	7'-11" [3]
		600RH300-54	9'-4" [2]	9'-11" [1]	10'-7" [1]	9'-4" [2]	9'-11" [1]	10'-7" [1]	9'-4" [2]	9'-11" [1]	10'-7" [2]
		600RH300-68	10'-11" [2]	11'-6" [2]	12'-3" [2]	10'-11" [2]	11'-6" [2]	12'-3" [2]	10'-11" [2]	11'-6" [2]	12'-3" [2]
		600RH300-97	12'-4" [2]	13'-3" [2]	14'-8" [2]	12'-4" [2]	13'-3" [2]	14'-8" [2]	12'-4" [2]	13'-3" [2]	14'-3" [2]
		600RH350-54	9'-9" [2]	10'-4" [2]	10'-11" [2]	9'-9" [2]	10'-4" [2]	10'-11" [2]	9'-9" [2]	10'-4" [2]	10'-11" [2]
		600RH350-68	11'-5" [2]	12'-0" [2]	12'-9" [2]	11'-5" [2]	12'-0" [2]	12'-9" [2]	11'-5" [2]	12'-0" [2]	12'-9" [2]
		600RH350-97	13'-7" [2]	14'-7" [2]	15'-11" [2]	13'-7" [2]	14'-7" [2]	15'-11" [2]	13'-7" [2]	14'-7" [2]	14'-9" [2]
	8"	800RH300-43	7'-7" [1]	8'-2" [1]	8'-10" [1]	7'-7" [1]	8'-2" [1]	8'-10" [1]	7'-7" [1]	8'-2" [1]	8'-10" [3]
		800RH300-54	10'-1" [1]	10'-10" [1]	11'-9" [1]	10'-1" [1]	10'-10" [1]	11'-9" [1]	10'-1" [1]	10'-10" [1]	11'-9" [2]
		800RH300-68	11'-8" [2]	12'-6" [1]	13'-8" [1]	11'-8" [2]	12'-6" [1]	13'-8" [1]	11'-8" [2]	12'-6" [1]	13'-8" [2]
		800RH300-97	12'-8" [2]	13'-7" [2]	15'-1" [2]	12'-8" [2]	13'-7" [2]	15'-1" [2]	12'-8" [2]	13'-7" [2]	15'-1" [2]
		800RH350-54	10'-7" [2]	11'-4" [2]	12'-2" [1]	10'-7" [2]	11'-4" [2]	12'-2" [1]	10'-7" [2]	11'-4" [2]	12'-2" [2]
		800RH350-68	12'-5" [2]	13'-2" [2]	14'-2" [2]	12'-5" [2]	13'-2" [2]	14'-2" [2]	12'-5" [2]	13'-2" [2]	14'-2" [2]
		800RH350-97	13'-11" [2]	14'-11" [2]	16'-7" [2]	13'-11" [2]	14'-11" [2]	16'-7" [2]	13'-11" [2]	14'-11" [2]	16'-7" [2]

SPAN NOTES:

1 Use 33 mil HDSC™ Clip with a 4/4 screw pattern.
2 Use 68 mil HDSC™ Clip with a 4/4 screw pattern.
3 Use 97 mil HDSC™ Clip with a 4/4 screw pattern.

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 All headers require the attachment of the HDSC™ Clip at each end with headers installed leg up.
3 Recommended HDSC™ clip attachments above are based on jamb stud thicknesses being equal to or greater than header thicknesses.
4 Header framing is calculated with a sill height of 0" for worst case design.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136.
6 For deflection calculations, the effective moment of inertia is based on an assumed stress of 0.6*F_y.
7 For ***exterior*** framing, lateral deflection calculations are based on I_w = 0.75.
8 Dead load deflection calculations are limited to L/240 or 1/2" max. deflection.
9 Header lengths should be ordered ***1/2"*** shorter to fit inside clips.

HEADER SPANS FOR **EXTERIOR** OPENINGS (ft)

(Specified Wind Load = 30 psf; Wall Dead Load = 12 psf; Sill Height = 0 in; I_w = 0.75)

WALL HEIGHT (ft)	HEADER SIZE (in.)	MEMBER DESIGNATION	L/240			L/360			L/600		
			OPENING HEIGHT (ft)								
			7	8	9	7	8	9	7	8	9
13'-0"	3-5/8"	362RH300-33	4'-2" [2]	4'-4" [2]	4'-5" [2]	4'-2" [2]	4'-4" [2]	4'-5" [2]	4'-2" [2]	4'-4" [2]	4'-5" [2]
		362RH300-43	4'-10" [2]	4'-11" [2]	5'-1" [2]	4'-10" [2]	4'-11" [2]	5'-1" [2]	4'-10" [2]	4'-11" [2]	5'-1" [2]
		362RH300-54	6'-11" [2]	7'-1" [2]	7'-4" [2]	6'-11" [2]	7'-1" [2]	7'-4" [2]	6'-11" [2]	7'-1" [2]	7'-4" [3]
		362RH300-68	7'-8" [2]	7'-11" [2]	8'-1" [2]	7'-8" [2]	7'-11" [2]	8'-1" [2]	7'-8" [2]	7'-11" [2]	8'-1" [3]
		362RH300-97	9'-9" [2]	10'-1" [2]	10'-4" [2]	9'-9" [2]	10'-1" [2]	10'-4" [2]	9'-2" [2]	9'-2" [2]	9'-2" [3]
		362RH350-54	7'-2" [2]	7'-5" [2]	7'-7" [2]	7'-2" [2]	7'-5" [2]	7'-7" [2]	7'-2" [2]	7'-5" [2]	7'-7" [3]
		362RH350-68	8'-4" [2]	8'-7" [2]	8'-10" [2]	8'-4" [2]	8'-7" [2]	8'-10" [2]	8'-4" [2]	8'-6" [2]	8'-6" [3]
		362RH350-97	10'-2" [2]	10'-6" [2]	10'-9" [2]	10'-2" [2]	10'-6" [2]	10'-9" [2]	9'-6" [2]	9'-6" [2]	9'-6" [3]
	4"	400RH300-33	4'-4" [2]	4'-6" [2]	4'-8" [2]	4'-4" [2]	4'-6" [2]	4'-8" [2]	4'-4" [2]	4'-6" [2]	4'-8" [2]
		400RH300-43	5'-3" [2]	5'-5" [2]	5'-7" [2]	5'-3" [2]	5'-5" [2]	5'-7" [2]	5'-3" [2]	5'-5" [2]	5'-7" [2]
		400RH300-54	7'-2" [2]	7'-5" [2]	7'-8" [2]	7'-2" [2]	7'-5" [2]	7'-8" [2]	7'-2" [2]	7'-5" [2]	7'-8" [3]
		400RH300-68	8'-4" [2]	8'-7" [2]	8'-11" [2]	8'-4" [2]	8'-7" [2]	8'-11" [2]	8'-4" [2]	8'-7" [2]	8'-10" [3]
		400RH300-97	10'-2" [2]	10'-6" [2]	10'-11" [2]	10'-2" [2]	10'-6" [2]	10'-11" [2]	9'-10" [2]	9'-10" [2]	9'-10" [3]
		400RH350-54	7'-6" [2]	7'-9" [2]	8'-0" [2]	7'-6" [2]	7'-9" [2]	8'-0" [2]	7'-6" [2]	7'-9" [2]	8'-0" [3]
		400RH350-68	8'-8" [2]	8'-11" [2]	9'-3" [2]	8'-8" [2]	8'-11" [2]	9'-3" [2]	8'-8" [2]	8'-11" [2]	9'-2" [3]
		400RH350-97	10'-8" [2]	10'-11" [2]	11'-4" [2]	10'-8" [2]	10'-11" [2]	11'-4" [2]	10'-3" [2]	10'-3" [2]	10'-3" [3]
	6"	600RH300-33	5'-0" [1]	5'-3" [1]	5'-5" [1]	5'-0" [1]	5'-3" [1]	5'-5" [1]	5'-0" [1]	5'-3" [1]	5'-5" [2]
		600RH300-43	6'-2" [1]	6'-5" [1]	6'-8" [1]	6'-2" [1]	6'-5" [1]	6'-8" [1]	6'-2" [1]	6'-5" [1]	6'-8" [3]
		600RH300-54	8'-2" [2]	8'-6" [2]	8'-11" [2]	8'-2" [2]	8'-6" [2]	8'-11" [2]	8'-2" [2]	8'-6" [2]	8'-11" [3]
		600RH300-68	9'-6" [2]	9'-11" [2]	10'-4" [2]	9'-6" [2]	9'-11" [2]	10'-4" [2]	9'-6" [2]	9'-11" [2]	10'-4" [3]
		600RH300-97	11'-2" [2]	11'-8" [2]	12'-4" [2]	11'-2" [2]	11'-8" [2]	12'-4" [2]	11'-2" [2]	11'-8" [2]	12'-11" [3]
		600RH350-54	8'-7" [2]	8'-11" [2]	9'-3" [2]	8'-7" [2]	8'-11" [2]	9'-3" [2]	8'-7" [2]	8'-11" [2]	9'-3" [3]
		600RH350-68	9'-11" [2]	10'-4" [2]	10'-10" [2]	9'-11" [2]	10'-4" [2]	10'-10" [2]	9'-11" [2]	10'-4" [2]	10'-10" [3]
		600RH350-97	12'-3" [2]	12'-10" [2]	13'-6" [2]	12'-3" [2]	12'-10" [2]	13'-6" [2]	12'-3" [2]	12'-10" [2]	13'-6" [3]
	8"	800RH300-43	6'-7" [1]	6'-11" [1]	7'-3" [1]	6'-7" [1]	6'-11" [1]	7'-3" [1]	6'-7" [1]	6'-11" [1]	7'-3" [3]
		800RH300-54	8'-9" [2]	9'-2" [2]	9'-8" [2]	8'-9" [2]	9'-2" [2]	9'-8" [2]	8'-9" [2]	9'-2" [2]	9'-8" [3]
		800RH300-68	10'-2" [2]	10'-8" [2]	11'-3" [2]	10'-2" [2]	10'-8" [2]	11'-3" [2]	10'-2" [2]	10'-8" [2]	11'-3" [3]
		800RH300-97	11'-5" [2]	12'-0" [2]	12'-8" [2]	11'-5" [2]	12'-0" [2]	12'-8" [2]	11'-5" [2]	12'-0" [2]	13'-3" [3]
		800RH350-54	9'-2" [2]	9'-7" [2]	10'-2" [2]	9'-2" [2]	9'-7" [2]	10'-2" [2]	9'-2" [2]	9'-7" [2]	10'-2" [3]
		800RH350-68	10'-9" [2]	11'-3" [2]	11'-10" [2]	10'-9" [2]	11'-3" [2]	11'-10" [2]	10'-9" [2]	11'-3" [2]	11'-10" [3]
		800RH350-97	12'-7" [2]	13'-2" [2]	13'-11" [2]	12'-7" [2]	13'-2" [2]	13'-11" [2]	12'-7" [2]	13'-2" [2]	14'-7" [3]
15'-0"	3-5/8"	362RH300-33	3'-10" [2]	3'-11" [2]	4'-0" [2]	3'-10" [2]	3'-11" [2]	4'-0" [2]	3'-10" [2]	3'-11" [2]	4'-0" [2]
		362RH300-43	4'-4" [2]	4'-6" [2]	4'-7" [2]	4'-4" [2]	4'-6" [2]	4'-7" [2]	4'-4" [2]	4'-6" [2]	4'-7" [2]
		362RH300-54	6'-3" [2]	6'-5" [2]	6'-7" [2]	6'-3" [2]	6'-5" [2]	6'-7" [2]	6'-3" [2]	6'-5" [2]	6'-7" [3]
		362RH300-68	7'-0" [2]	7'-2" [2]	7'-4" [2]	7'-0" [2]	7'-2" [2]	7'-4" [2]	7'-0" [2]	7'-2" [2]	7'-4" [3]
		362RH300-97	8'-10" [2]	9'-1" [2]	9'-4" [2]	8'-10" [2]	9'-1" [2]	9'-4" [2]	8'-8" [2]	8'-8" [2]	8'-8" [3]
		362RH350-54	6'-6" [2]	6'-8" [2]	6'-10" [2]	6'-6" [2]	6'-8" [2]	6'-10" [2]	6'-6" [2]	6'-8" [2]	6'-10" [3]
		362RH350-68	7'-7" [2]	7'-9" [2]	7'-11" [2]	7'-7" [2]	7'-9" [2]	7'-11" [2]	7'-7" [2]	7'-9" [2]	7'-11" [3]
		362RH350-97	9'-3" [2]	9'-6" [2]	9'-8" [2]	9'-3" [2]	9'-6" [2]	9'-8" [2]	9'-1" [2]	9'-1" [2]	9'-1" [3]
	4"	400RH300-33	4'-0" [2]	4'-1" [2]	4'-2" [2]	4'-0" [2]	4'-1" [2]	4'-2" [2]	4'-0" [2]	4'-1" [2]	4'-2" [2]
		400RH300-43	4'-9" [2]	4'-11" [2]	5'-0" [2]	4'-9" [2]	4'-11" [2]	5'-0" [2]	4'-9" [2]	4'-11" [2]	5'-0" [2]
		400RH300-54	6'-6" [2]	6'-8" [2]	6'-10" [2]	6'-6" [2]	6'-8" [2]	6'-10" [2]	6'-6" [2]	6'-8" [2]	6'-10" [3]
		400RH300-68	7'-6" [2]	7'-9" [2]	7'-11" [2]	7'-6" [2]	7'-9" [2]	7'-11" [2]	7'-6" [2]	7'-9" [2]	7'-11" [3]
		400RH300-97	9'-3" [2]	9'-6" [2]	9'-9" [2]	9'-3" [2]	9'-6" [2]	9'-9" [2]	9'-3" [2]	9'-5" [2]	9'-5" [3]
		400RH350-54	6'-10" [2]	7'-0" [2]	7'-2" [2]	6'-10" [2]	7'-0" [2]	7'-2" [2]	6'-10" [2]	7'-0" [2]	7'-2" [3]
		400RH350-68	7'-10" [2]	8'-1" [2]	8'-3" [2]	7'-10" [2]	8'-1" [2]	8'-3" [2]	7'-10" [2]	8'-1" [2]	8'-3" [3]
		400RH350-97	9'-8" [2]	9'-11" [2]	10'-2" [2]	9'-8" [2]	9'-11" [2]	10'-2" [2]	9'-8" [2]	9'-9" [2]	9'-9" [3]
	6"	600RH300-33	4'-6" [1]	4'-8" [1]	4'-10" [1]	4'-6" [1]	4'-8" [1]	4'-10" [1]	4'-6" [1]	4'-8" [1]	4'-10" [2]
		600RH300-43	5'-6" [2]	5'-8" [2]	5'-11" [2]	5'-6" [2]	5'-8" [2]	5'-11" [2]	5'-6" [2]	5'-8" [2]	5'-11" [3]
		600RH300-54	7'-4" [2]	7'-7" [2]	7'-10" [2]	7'-4" [2]	7'-7" [2]	7'-10" [2]	7'-4" [2]	7'-7" [2]	7'-10" [3]
		600RH300-68	8'-6" [2]	8'-10" [2]	9'-1" [2]	8'-6" [2]	8'-10" [2]	9'-1" [2]	8'-6" [2]	8'-10" [2]	9'-1" [3]
		600RH300-97	10'-5" [2]	10'-9" [2]	11'-2" [2]	10'-5" [2]	10'-9" [2]	11'-2" [2]	10'-5" [2]	10'-9" [2]	11'-2" [3]
		600RH350-54	7'-8" [2]	7'-11" [2]	8'-2" [2]	7'-8" [2]	7'-11" [2]	8'-2" [2]	7'-8" [2]	7'-11" [2]	8'-2" [3]
		600RH350-68	8'-11" [2]	9'-3" [2]	9'-7" [2]	8'-11" [2]	9'-3" [2]	9'-7" [2]	8'-11" [2]	9'-3" [2]	9'-7" [3]
		600RH350-97	11'-2" [2]	11'-7" [2]	12'-0" [2]	11'-2" [2]	11'-7" [2]	12'-0" [2]	11'-2" [2]	11'-7" [2]	12'-0" [3]
	8"	800RH300-43	5'-10" [2]	6'-1" [2]	6'-4" [2]	5'-10" [2]	6'-1" [2]	6'-4" [2]	5'-10" [2]	6'-1" [2]	6'-4" [3]
		800RH300-54	7'-9" [2]	8'-1" [2]	8'-5" [2]	7'-9" [2]	8'-1" [2]	8'-5" [2]	7'-9" [2]	8'-1" [2]	8'-5" [3]
		800RH300-68	9'-1" [2]	9'-5" [2]	9'-10" [2]	9'-1" [2]	9'-5" [2]	9'-10" [2]	9'-1" [2]	9'-5" [2]	9'-10" [3]
		800RH300-97	10'-8" [2]	11'-0" [2]	11'-5" [2]	10'-8" [2]	11'-0" [2]	11'-5" [2]	10'-8" [2]	11'-0" [2]	11'-5" [3]
		800RH350-54	8'-2" [2]	8'-6" [2]	8'-10" [2]	8'-2" [2]	8'-6" [2]	8'-10" [2]	8'-2" [2]	8'-6" [2]	8'-10" [3]
		800RH350-68	9'-7" [2]	9'-11" [2]	10'-4" [2]	9'-7" [2]	9'-11" [2]	10'-4" [2]	9'-7" [2]	9'-11" [2]	10'-4" [3]
		800RH350-97	11'-8" [2]	12'-1" [2]	12'-7" [2]	11'-8" [2]	12'-1" [2]	12'-7" [2]	11'-8" [2]	12'-1" [2]	12'-7" [3]

SPAN NOTES:

1 Use 33 mil HDSC™ Clip with a 4/4 screw pattern.
2 Use 68 mil HDSC™ Clip with a 4/4 screw pattern.
3 Use 97 mil HDSC™ Clip with a 4/4 screw pattern.

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 All headers require the attachment of the HDSC™ Clip at each end with headers installed leg up.
3 Recommended HDSC™ clip attachments above are based on jamb stud thicknesses being equal to or greater than header thicknesses.
4 Header framing is calculated with a sill height of 0" for worst case design.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136.
6 For deflection calculations, the effective moment of inertia is based on an assumed stress of $0.6*F_y$.
7 For ***exterior*** framing, lateral deflection calculations are based on I_w = 0.75.
8 Dead load deflection calculations are limited to L/240 or 1/2" max. deflection.
9 Header lengths should be ordered ***1/2"*** shorter to fit inside clips.

MAXIMUM **INTERIOR** JAMB STUD OPENING WIDTHS (ft)

(WALL DEAD LOAD = 10 psf; I_w = 1.0)			SPECIFIED WIND LOAD (psf)								
WALL HEIGHT (ft)	JAMB SIZE (in.)	MEMBER DESIGNATION	5.2			10.4			15.7		
			DEFLECTION LIMIT								
			L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
9'-0"	3-5/8"	362RJS300-33	16'-0"	16'-0"	16'-0"	9'-9" *	9'-9" *	8'-9"	5'-11" *	5'-11" *	5'-3"
		362RJS300-43	16'-0"	16'-0"	16'-0"	15'-2"	15'-2"	12'-7"	9'-6"	9'-6" *	7'-10"
		362RJS300-54	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	15'-11"	10'-1"
		362RJS300-68	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	13'-4"
		362RJS300-97	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"
		362RJS350-54	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	11'-2"
		362RJS350-68	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	15'-1"
		362RJS350-97	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"
	4"	400RJS300-33	16'-0"	16'-0"	16'-0"	11'-1" *	11'-1" *	11'-1" *	6'-10"	6'-10" *	6'-10" *
		400RJS300-43	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	11'-0"	11'-0" *	10'-2"
		400RJS300-54	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	13'-0"
		400RJS300-68	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"
		400RJS300-97	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"
		400RJS350-54	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	14'-4"
		400RJS350-68	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"
		400RJS350-97	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"
	6"	600RJS300-33	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	11'-11"	11'-11" *	11'-11" *
		600RJS300-43	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"
		600RJS300-54	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		600RJS300-68	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		600RJS300-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		600RJS350-54	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		600RJS350-68	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		600RJS350-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
	8"	800RJS300-43	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"
		800RJS300-54	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800RJS300-68	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800RJS300-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800RJS350-54	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800RJS350-68	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800RJS350-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
11'-0"	3-5/8"	362RJS300-33	13'-3" *	13'-3" *	9'-8"	6'-0" *	6'-0" *	4'-1"	3'-5"	3'-5" *	2'-2"
		362RJS300-43	16'-0"	16'-0"	13'-10"	9'-8" *	9'-8" *	6'-2"	5'-11"	5'-11" *	3'-7"
		362RJS300-54	16'-0"	16'-0"	16'-0"	16'-0"	12'-9"	8'-0"	12'-3"	8'-0"	4'-10"
		362RJS300-68	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	10'-9"	16'-0"	10'-8"	6'-7"
		362RJS300-97	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	15'-2"	16'-0"	15'-1"	9'-7"
		362RJS350-54	16'-0"	16'-0"	16'-0"	16'-0"	14'-1"	8'-11"	12'-10"	8'-10"	5'-5"
		362RJS350-68	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	12'-1"	16'-0"	12'-0"	7'-6"
		362RJS350-97	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	11'-0"
	4"	400RJS300-33	14'-10" *	14'-10" *	12'-5"	6'-10" *	6'-10" *	5'-6"	4'-0"	4'-0" *	3'-1"
		400RJS300-43	16'-0"	16'-0"	16'-0"	11'-2" *	11'-2" *	8'-1"	6'-10"	6'-10" *	4'-10"
		400RJS300-54	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	10'-5"	14'-2"	10'-4"	6'-5"
		400RJS300-68	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	13'-10"	16'-0"	13'-8"	8'-8"
		400RJS300-97	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	12'-5"
		400RJS350-54	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	11'-6"	14'-10"	11'-5"	7'-1"
		400RJS350-68	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	15'-6"	16'-0"	15'-5"	9'-9"
		400RJS350-97	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	14'-2"
	6"	600RJS300-33	16'-0"	16'-0"	16'-0"	12'-7" *	12'-7" *	12'-7" *	7'-9"	7'-9" *	7'-9" *
		600RJS300-43	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	13'-1"	13'-1" *	13'-1" *
		600RJS300-54	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	18'-6"
		600RJS300-68	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		600RJS300-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		600RJS350-54	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		600RJS350-68	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		600RJS350-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
	8"	800RJS300-43	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"
		800RJS300-54	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800RJS300-68	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800RJS300-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800RJS350-54	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800RJS350-68	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800RJS350-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 This table was prepared conservatively with an analysis of the opening being vertically centered in relation to the overall wall height shown. The minimum opening height is 3'-0" at the center of the wall height.
3 Opening widths are limited to 16'-0" for 3-5/8" & 4" members and 20'-0" for 6" & 8" members.
4 Section properties are based on CSA S136-16.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136-16.
6 For ***interior*** framing, lateral deflection calculations are based on I_w = 1.0.
7 The tabulated values for flexural/bending are based on a fully braced side jamb.
8 This table is only applicable for curtainwall applications.
9 The strength analysis included separate bending and shear checks plus the combined interaction of bending and shear effects as per Section H2 of CSA S136-16
10 Tables are prepared using a ***16"***o.c. spacing from the jamb stud to the first adjacent typical wall stud.
11 Opening widths marked with an * (asterisk) require web stiffeners at each end of the jamb. Web crippling is based on a ***1"*** bearing length and must be checked separately for bearing lengths other than ***1"***.

MAXIMUM **INTERIOR** JAMB STUD OPENING WIDTHS (ft)

(WALL DEAD LOAD = 10 psf; I_w = 1.0)			SPECIFIED WIND LOAD (psf)								
WALL HEIGHT	JAMB SIZE	MEMBER DESIGNATION	5.2			10.4			15.7		
			DEFLECTION LIMIT								
(ft)	(in.)		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
13'-0"	3-5/8"	362RJS300-33	9'-0" *	8'-8" *	5'-3"	3'-10" *	3'-7" *	- *	-	-	-
		362RJS300-43	14'-5" *	12'-5"	7'-9"	6'-6" *	5'-6"	3'-2"	3'-10" *	3'-1"	-
		362RJS300-54	16'-0"	15'-10"	10'-1"	13'-7" *	7'-2"	4'-3"	8'-5" *	4'-3"	-
		362RJS300-68	16'-0"	16'-0"	13'-4"	16'-0"	9'-8"	5'-11"	11'-6" *	5'-10"	3'-5"
		362RJS300-97	16'-0"	16'-0"	16'-0"	16'-0"	13'-9"	8'-8"	15'-0"	8'-7"	5'-3"
		362RJS350-54	16'-0"	16'-0"	11'-2"	14'-3"	8'-0" *	4'-10" *	8'-11" *	4'-9"	-
		362RJS350-68	16'-0"	16'-0"	15'-1"	16'-0"	10'-11"	6'-9"	11'-11" *	6'-9"	4'-0"
		362RJS350-97	16'-0"	16'-0"	16'-0"	16'-0"	15'-9"	10'-0"	15'-2"	9'-11"	6'-1"
	4"	400RJS300-33	10'-1" *	10'-1" *	6'-11"	4'-6" *	4'-6" *	- *	-	-	-
		400RJS300-43	16'-0"	15'-11"	10'-1"	7'-7" *	7'-3" *	4'-4" *	4'-6" *	4'-3" *	-
		400RJS300-54	16'-0"	16'-0"	13'-0"	15'-7" *	9'-4"	5'-9"	9'-9" *	5'-8"	3'-4"
		400RJS300-68	16'-0"	16'-0"	16'-0"	16'-0"	12'-5"	7'-9"	13'-9" *	7'-9"	4'-8"
		400RJS300-97	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	11'-3"	16'-0"	11'-2"	6'-11"
		400RJS350-54	16'-0"	16'-0"	14'-3"	16'-0"	10'-4"	6'-5"	10'-3" *	6'-4"	3'-9"
		400RJS350-68	16'-0"	16'-0"	16'-0"	16'-0"	14'-0"	8'-10"	14'-2" *	8'-9"	5'-4"
		400RJS350-97	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	12'-10"	16'-0"	12'-9"	8'-0"
	6"	600RJS300-33	16'-0"	16'-0"	16'-0"	8'-9" *	8'-9" *	8'-9" *	5'-3" *	5'-3" *	5'-3" *
		600RJS300-43	16'-0"	16'-0"	16'-0"	14'-4" *	14'-4" *	13'-2" *	9'-0" *	9'-0" *	8'-3"
		600RJS300-54	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	16'-10"	16'-10"	16'-9"	10'-8"
		600RJS300-68	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	14'-1"
		600RJS300-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		600RJS350-54	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	18'-4"	17'-5" *	17'-5" *	11'-7"
		600RJS350-68	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	15'-8"
		600RJS350-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
	8"	800RJS300-43	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	11'-10" *	11'-10" *	11'-10" *
		800RJS300-54	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800RJS300-68	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800RJS300-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800RJS350-54	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800RJS350-68	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800RJS350-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
15'-0"	3-5/8"	362RJS300-33	6'-4" *	5'-2"	2'-11"	-	-	-	-	-	-
		362RJS300-43	10'-5" *	7'-7"	4'-7"	4'-7" *	3'-1"	-	-	-	-
		362RJS300-54	16'-0"	9'-10"	6'-1"	9'-10" *	4'-2"	-	6'-0" *	-	-
		362RJS300-68	16'-0"	13'-1"	8'-3"	13'-1"	5'-9"	3'-4"	8'-2"	3'-4"	-
		362RJS300-97	16'-0"	16'-0"	11'-9"	16'-0"	8'-6"	5'-2"	11'-7"	5'-1"	2'-11"
		362RJS350-54	16'-0"	10'-11"	6'-9"	10'-5" *	4'-8"	-	6'-5" *	-	-
		362RJS350-68	16'-0"	14'-9"	9'-4"	14'-1" *	6'-7"	3'-11"	8'-9" *	3'-10"	-
		362RJS350-97	16'-0"	16'-0"	13'-6"	16'-0"	9'-9"	6'-0"	11'-9"	5'-11"	3'-6"
	4"	400RJS300-33	7'-3" *	6'-10" *	4'-0"	-	-	-	-	-	-
		400RJS300-43	11'-9" *	9'-11"	6'-1"	5'-4" *	4'-2"	-	3'-0" *	-	-
		400RJS300-54	16'-0"	12'-9"	8'-0"	11'-4" *	5'-7"	3'-3"	7'-0" *	3'-2"	-
		400RJS300-68	16'-0"	16'-0"	10'-8"	16'-0"	7'-7"	4'-7"	10'-1" *	4'-6"	-
		400RJS300-97	16'-0"	16'-0"	15'-2"	16'-0"	11'-0"	6'-10"	14'-5"	6'-9"	4'-0"
		400RJS350-54	16'-0"	14'-0"	8'-10"	11'-11" *	6'-3"	3'-8"	7'-5" *	3'-7"	-
		400RJS350-68	16'-0"	16'-0"	12'-0"	16'-0"	8'-8"	5'-3"	10'-5" *	5'-3"	3'-0"
		400RJS350-97	16'-0"	16'-0"	16'-0"	16'-0"	12'-7"	7'-11"	14'-8"	7'-10"	4'-9"
	6"	600RJS300-33	13'-6" *	13'-6" *	12'-7"	6'-3" *	6'-3" *	5'-7" *	3'-8" *	3'-8" *	3'-2"
		600RJS300-43	16'-0"	16'-0"	16'-0"	10'-4" *	10'-4" *	8'-1" *	6'-5" *	6'-5" *	4'-10"
		600RJS300-54	20'-0"	20'-0"	20'-0"	19'-5"	16'-6"	10'-6"	12'-4" *	10'-5"	6'-5"
		600RJS300-68	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	13'-11"	17'-5" *	13'-10"	8'-8"
		600RJS300-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	19'-9"	20'-0"	19'-8"	12'-7"
		600RJS350-54	20'-0"	20'-0"	20'-0"	20'-0"	17'-11"	11'-6"	12'-10" *	11'-5"	7'-1"
		600RJS350-68	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	15'-5"	18'-2" *	15'-4"	9'-9"
		600RJS350-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	14'-2"
	8"	800RJS300-43	16'-0"	16'-0"	16'-0"	14'-0" *	14'-0" *	14'-0" *	8'-9" *	8'-9" *	8'-9" *
		800RJS300-54	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	16'-11" *	16'-11" *	14'-0"
		800RJS300-68	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	18'-4"
		800RJS300-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800RJS350-54	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	17'-5" *	17'-5" *	15'-3"
		800RJS350-68	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800RJS350-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 This table was prepared conservatively with an analysis of the opening being vertically centered in relation to the overall wall height shown. The minimum opening height is 3'-0" at the center of the wall height.
3 Opening widths are limited to 16'-0" for 3-5/8" & 4" members and 20'-0" for 6" & 8" members.
4 Section properties are based on CSA S136-16.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136-16.
6 For ***interior*** framing, lateral deflection calculations are based on I_w = 1.0.
7 The tabulated values for flexural/bending are based on a fully braced side jamb.
8 This table is only applicable for curtainwall applications.
9 The strength analysis included separate bending and shear checks plus the combined interaction of bending and shear effects as per Section H2 of CSA S136-16
10 Tables are prepared using a ***16"***o.c. spacing from the jamb stud to the first adjacent typical wall stud.
11 Opening widths marked with an * (asterisk) require web stiffeners at each end of the jamb. Web crippling is based on a ***1"*** bearing length and must be checked separately for bearing lengths other than ***1"***.

BAILEY®
METAL PRODUCTS LIMITED

(IMPERIAL)

MAXIMUM **EXTERIOR** JAMB STUD OPENING WIDTHS (ft)

(WALL DEAD LOAD = 12 psf; I_w = 0.75)			SPECIFIED WIND LOAD (psf)								
WALL HEIGHT (ft)	JAMB SIZE (in.)	MEMBER DESIGNATION	20			25			30		
			DEFLECTION LIMIT								
			L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600
9'-0"	3-5/8"	362JS300-33	4'-3" *	4'-3" *	2'-3"	3'-1" *	3'-1" *	-	-	-	-
		362JS300-43	7'-1" *	7'-1" *	3'-10"	5'-4" *	5'-4" *	2'-8"	4'-2" *	4'-2" *	-
		362JS300-54	14'-3" *	10'-2"	5'-3"	11'-1" *	7'-9"	3'-10"	8'-11"	6'-1"	2'-10"
		362JS300-68	16'-0"	13'-7"	7'-4"	14'-0"	10'-5"	5'-6"	11'-4"	8'-5"	4'-3"
		362JS300-97	16'-0"	16'-0"	10'-9"	15'-8"	15'-0"	8'-3"	12'-9"	12'-2"	6'-6"
		362JS350-54	14'-10"	11'-3"	5'-11"	11'-6" *	8'-7"	4'-4"	9'-4" *	6'-10"	3'-4"
		362JS350-68	16'-0"	15'-4"	8'-5"	14'-4"	11'-11"	6'-4"	11'-7" *	9'-7"	4'-11"
		362JS350-97	16'-0"	16'-0"	12'-5"	15'-10"	15'-10"	9'-7"	12'-11"	12'-11"	7'-8"
	4"	400JS300-33	5'-0" *	5'-0" *	3'-4"	3'-8" *	3'-8" *	2'-3"	-	-	-
		400JS300-43	8'-4" *	8'-4" *	5'-4"	6'-4" *	6'-4" *	3'-10"	5'-0" *	5'-0" *	2'-11"
		400JS300-54	16'-0"	13'-2"	7'-1"	12'-11"	10'-2"	5'-4"	10'-5" *	8'-2"	4'-1"
		400JS300-68	16'-0"	16'-0"	9'-8"	16'-0"	13'-7"	7'-4"	14'-1"	11'-0"	5'-10"
		400JS300-97	16'-0"	16'-0"	14'-0"	16'-0"	16'-0"	10'-10"	16'-0"	15'-10"	8'-8"
		400JS350-54	16'-0"	14'-7"	7'-11"	13'-5" *	11'-3"	5'-11"	10'-11" *	9'-0"	4'-7"
		400JS350-68	16'-0"	16'-0"	11'-0"	16'-0"	15'-4"	8'-5"	14'-5"	12'-5"	6'-8"
		400JS350-97	16'-0"	16'-0"	16'-0"	16'-0"	16'-0"	12'-5"	16'-0"	16'-0"	10'-1"
	6"	600JS300-33	9'-0" *	9'-0" *	9'-0" *	6'-10" *	6'-10" *	6'-10" *	5'-5" *	5'-5" *	5'-5" *
		600JS300-43	15'-5"	15'-5"	15'-5"	12'-0" *	12'-0" *	12'-0" *	9'-9" *	9'-9" *	9'-9" *
		600JS300-54	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	16'-5"	17'-11"	17'-11"	13'-5"
		600JS300-68	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	17'-9"
		600JS300-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		600JS350-54	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	17'-11"	18'-6"	18'-6"	14'-7"
		600JS350-68	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	19'-8"
		600JS350-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
	8"	800JS300-43	16'-0"	16'-0"	16'-0"	14'-6"	14'-6"	14'-6"	11'-9" *	11'-9" *	11'-9" *
		800JS300-54	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800JS300-68	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800JS300-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800JS350-54	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800JS350-68	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800JS350-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
11'-0"	3-5/8"	362JS300-33	-	-	-	-	-	-	-	-	-
		362JS300-43	4'-4" *	3'-4"	-	3'-1" *	2'-3" *	-	-	-	-
		362JS300-54	7'-11"	4'-7"	-	5'-11"	3'-4"	-	4'-7"	2'-5"	-
		362JS300-68	10'-9"	6'-6"	3'-1"	8'-2"	4'-9"	-	6'-6"	3'-8"	-
		362JS300-97	15'-0"	9'-7"	5'-0"	11'-8"	7'-3"	3'-7"	9'-5"	5'-9"	2'-8"
		362JS350-54	8'-10" *	5'-3"	2'-4"	6'-8" *	3'-9"	-	5'-3" *	2'-10"	-
		362JS350-68	12'-2"	7'-5"	3'-8"	9'-4" *	5'-7"	2'-7"	7'-5" *	4'-4"	-
		362JS350-97	15'-2"	11'-1"	5'-10"	11'-9"	8'-6"	4'-4"	9'-6"	6'-9"	3'-3"
	4"	400JS300-33	-	-	-	-	-	-	-	-	-
		400JS300-43	5'-1" *	4'-8" *	-	3'-9" *	3'-4" *	-	-	-	-
		400JS300-54	10'-5" *	6'-3"	3'-0"	7'-11" *	4'-7"	-	6'-3" *	3'-6"	-
		400JS300-68	13'-11"	8'-7"	4'-5"	10'-9"	6'-6"	3'-1"	8'-7"	5'-1"	2'-3"
		400JS300-97	16'-0"	12'-7"	6'-9"	15'-1"	9'-8"	5'-0"	12'-3"	7'-8"	3'-10"
		400JS350-54	11'-3" *	7'-0"	3'-5"	8'-8" *	5'-3"	2'-4"	7'-0" *	4'-0"	-
		400JS350-68	15'-3"	9'-10"	5'-1"	11'-11" *	7'-5"	3'-8"	9'-8" *	5'-10"	2'-9"
		400JS350-97	16'-0"	14'-5"	7'-10"	15'-3"	11'-1"	5'-11"	12'-5"	8'-11"	4'-7"
	6"	600JS300-33	5'-9" *	5'-9" *	5'-5" *	4'-3" *	4'-3" *	3'-11"	3'-4" *	3'-4" *	2'-11" *
		600JS300-43	9'-11" *	9'-11" *	8'-1"	7'-8" *	7'-8" *	6'-1"	6'-1" *	6'-1" *	4'-9"
		600JS300-54	18'-5" *	18'-5" *	10'-7"	14'-5" *	14'-5" *	8'-1"	11'-9" *	11'-9" *	6'-5"
		600JS300-68	20'-0"	20'-0"	14'-1"	20'-0"	19'-6"	10'-11"	16'-9" *	15'-11" *	8'-9"
		600JS300-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	15'-10"	20'-0"	20'-0"	12'-10"
		600JS350-54	19'-1"	19'-1"	11'-7"	14'-11" *	14'-11" *	8'-10"	12'-2" *	12'-2" *	7'-1"
		600JS350-68	20'-0"	20'-0"	15'-9"	20'-0"	20'-0"	12'-2"	17'-5" *	17'-5" *	9'-10"
		600JS350-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	17'-10"	20'-0"	20'-0"	14'-6"
	8"	800JS300-43	12'-8" *	12'-8" *	12'-8" *	9'-10" *	9'-10" *	9'-10" *	7'-11" *	7'-11" *	7'-11" *
		800JS300-54	20'-0"	20'-0"	20'-0"	19'-3"	19'-3"	17'-8"	15'-9" *	15'-9" *	14'-4"
		800JS300-68	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	18'-11"
		800JS300-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800JS350-54	20'-0"	20'-0"	20'-0"	19'-9"	19'-9"	19'-2"	16'-2" *	16'-2" *	15'-7"
		800JS350-68	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"
		800JS350-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 This table was prepared conservatively with an analysis of the opening being vertically centered in relation to the overall wall height shown. The minimum opening height is 3'-0" at the center of the wall height.
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MAXIMUM **EXTERIOR** JAMB STUD OPENING WIDTHS (ft)

(WALL DEAD LOAD = 12 psf; I_w = 0.75)			SPECIFIED WIND LOAD (psf)								
WALL HEIGHT (ft)	JAMB SIZE (in.)	MEMBER DESIGNATION	20			25			30		
			DEFLECTION LIMIT								
			L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600
13'-0"	3-5/8"	362RJS300-33	-	-	-	-	-	-	-	-	-
		362RJS300-43	-	-	-	-	-	-	-	-	-
		362RJS300-54	3'-9"	-	-	2'-7"	-	-	-	-	-
		362RJS300-68	5'-5"	2'-11"	-	3'-11"	-	-	2'-11"	-	-
		362RJS300-97	8'-1"	4'-9"	2'-1"	6'-1"	3'-5"	-	4'-9"	2'-6"	-
		362RJS350-54	4'-4"	2'-2"	-	3'-1"	-	-	2'-3"	-	-
		362RJS350-68	6'-3"	3'-6"	-	4'-7"	2'-5"	-	3'-6"	-	-
		362RJS350-97	9'-5"	5'-7"	2'-7"	7'-2"	4'-1"	-	5'-8"	3'-1"	-
	4"	400RJS300-33	-	-	-	-	-	-	-	-	-
		400RJS300-43	3'-0" *	-	-	-	-	-	-	-	-
		400RJS300-54	5'-3"	2'-10"	-	3'-9"	-	-	2'-10"	-	-
		400RJS300-68	7'-3"	4'-2"	-	5'-5"	2'-11"	-	4'-2"	2'-2"	-
		400RJS300-97	10'-8"	6'-6"	3'-1"	8'-2"	4'-9"	2'-1"	6'-6"	3'-8"	-
		400RJS350-54	5'-10"	3'-3"	-	4'-4"	2'-2"	-	3'-3"	-	-
		400RJS350-68	8'-4"	4'-10"	2'-1"	6'-3"	3'-6"	-	4'-11"	2'-7"	-
		400RJS350-97	12'-4"	7'-6"	3'-9"	9'-5"	5'-8"	2'-7"	7'-7"	4'-4"	-
	6"	600RJS300-33	3'-7" *	3'-7" *	2'-4"	-	-	-	-	-	-
		600RJS300-43	6'-4" *	6'-4" *	3'-10"	4'-10" *	4'-10" *	2'-8"	3'-9" *	3'-9" *	-
		600RJS300-54	12'-3" *	10'-2"	5'-4"	9'-6" *	7'-9"	3'-10"	7'-8" *	6'-2"	2'-11"
		600RJS300-68	17'-4" *	13'-7"	7'-5"	13'-7" *	10'-6"	5'-6"	11'-1" *	8'-5"	4'-3"
		600RJS300-97	20'-0"	19'-7"	10'-11"	20'-0"	15'-3"	8'-4"	17'-11" *	12'-5"	6'-8"
		600RJS350-54	12'-9" *	11'-2"	5'-11"	9'-11" *	8'-6"	4'-4"	8'-0" *	6'-9"	3'-3"
		600RJS350-68	18'-1" *	15'-2"	8'-4"	14'-2" *	11'-9"	6'-3"	11'-7" *	9'-6"	4'-11"
		600RJS350-97	20'-0"	20'-0"	12'-5"	20'-0"	17'-3"	9'-7"	18'-9"	14'-1"	7'-8"
	8"	800RJS300-43	8'-6" *	8'-6" *	8'-6" *	6'-6" *	6'-6" *	6'-6" *	5'-2" *	5'-2" *	5'-2" *
		800RJS300-54	16'-8" *	16'-8" *	12'-3"	13'-1" *	13'-1" *	9'-5"	10'-7" *	10'-7" *	7'-6"
		800RJS300-68	20'-0"	20'-0"	16'-3"	18'-11"	18'-11"	12'-7"	15'-6" *	15'-6" *	10'-2"
		800RJS300-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	18'-3"	20'-0"	20'-0"	14'-11"
		800RJS350-54	17'-2" *	17'-2" *	13'-4"	13'-5" *	13'-5" *	10'-4"	10'-11" *	10'-11" *	8'-3"
		800RJS350-68	20'-0"	20'-0"	17'-11"	19'-7"	19'-7"	13'-11"	16'-0"	16'-0"	11'-3"
		800RJS350-97	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	20'-0"	16'-8"
15'-0"	3-5/8"	362RJS300-33	-	-	-	-	-	-	-	-	-
		362RJS300-43	-	-	-	-	-	-	-	-	-
		362RJS300-54	-	-	-	-	-	-	-	-	-
		362RJS300-68	2'-10"	-	-	-	-	-	-	-	-
		362RJS300-97	4'-7"	2'-5"	-	3'-4"	-	-	2'-5"	-	-
		362RJS350-54	2'-1"	-	-	-	-	-	-	-	-
		362RJS350-68	3'-5"	-	-	2'-4"	-	-	-	-	-
		362RJS350-97	5'-6"	3'-0"	-	4'-0"	-	-	3'-0"	-	-
	4"	400RJS300-33	-	-	-	-	-	-	-	-	-
		400RJS300-43	-	-	-	-	-	-	-	-	-
		400RJS300-54	2'-9"	-	-	-	-	-	-	-	-
		400RJS300-68	4'-1"	2'-0"	-	2'-10"	-	-	2'-1"	-	-
		400RJS300-97	6'-4"	3'-6"	-	4'-8"	2'-5"	-	3'-7"	-	-
		400RJS350-54	3'-2"	-	-	2'-1"	-	-	-	-	-
		400RJS350-68	4'-9"	2'-6"	-	3'-5"	-	-	2'-6"	-	-
		400RJS350-97	7'-4"	4'-3"	-	5'-6"	3'-0"	-	4'-3"	2'-2"	-
	6"	600RJS300-33	-	-	-	-	-	-	-	-	-
		600RJS300-43	4'-5" *	4'-5" *	-	3'-3" *	3'-1" *	-	-	-	-
		600RJS300-54	8'-11" *	6'-0"	2'-9"	6'-10" *	4'-5"	-	5'-5" *	3'-4"	-
		600RJS300-68	12'-8"	8'-3"	4'-2"	9'-10" *	6'-2"	2'-11"	8'-0" *	4'-10"	2'-1"
		600RJS300-97	19'-2"	12'-1"	6'-6"	15'-0" *	9'-4"	4'-9"	12'-2" *	7'-5"	3'-8"
		600RJS350-54	9'-3"	6'-7"	3'-2"	7'-1" *	4'-11"	2'-2"	5'-8" *	3'-9"	-
		600RJS350-68	13'-3"	9'-3"	4'-9"	10'-4" *	7'-0"	3'-5"	8'-4" *	5'-6"	2'-6"
		600RJS350-97	20'-0"	13'-9"	7'-5"	16'-11" *	10'-7"	5'-7"	13'-9" *	8'-6"	4'-4"
	8"	800RJS300-43	6'-2" *	6'-2" *	5'-6" *	4'-7" *	4'-7" *	4'-0" *	3'-7" *	3'-7"	3'-0" *
		800RJS300-54	12'-4" *	12'-4" *	7'-4"	9'-7" *	9'-7" *	5'-6"	7'-9" *	7'-9" *	4'-3"
		800RJS300-68	17'-9" *	17'-9" *	9'-11"	13'-11" *	13'-11" *	7'-7"	11'-4" *	11'-4" *	6'-0"
		800RJS300-97	20'-0"	20'-0"	14'-7"	20'-0" *	20'-0"	11'-3"	19'-2" *	16'-5"	9'-1"
		800RJS350-54	12'-9" *	12'-9" *	8'-1"	9'-11" *	9'-11" *	6'-1"	8'-0" *	8'-0" *	4'-9"
		800RJS350-68	18'-5" *	18'-5" *	11'-0"	14'-5" *	14'-5" *	8'-5"	11'-9" *	11'-9" *	6'-8"
		800RJS350-97	20'-0"	20'-0"	16'-4"	20'-0"	20'-0"	12'-8"	20'-0"	18'-4"	10'-3"

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 This table was prepared conservatively with an analysis of the opening being vertically centered in relation to the overall wall height shown. The minimum opening height is 3'-0" at the center of the wall height.
3 Opening widths are limited to 16'-0" for 3-5/8" & 4" members and 20'-0" for 6" & 8" members.
4 Section properties are based on CSA S136-16.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136-16.
6 For ***exterior*** framing, lateral deflection calculations are based on I_w = 0.75.
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10 Tables are prepared using a ***16"***o.c. spacing from the jamb stud to the first adjacent typical wall stud.
11 Opening widths marked with an * (asterisk) require web stiffeners at each end of the jamb. Web crippling is based on a ***1"*** bearing length and must be checked separately for bearing lengths other than ***1"***.

HEADER SPANS FOR **INTERIOR** OPENINGS (m)

(Specified Wind Load = 0.25 kPa; Wall Dead Load = 0.5 kPa; Sill Height = 0 m; I_w = 1)

WALL HEIGHT (m)	HEADER SIZE (mm)	MEMBER DESIGNATION	L/120			L/240			L/360		
			OPENING HEIGHT (m)								
			2	2.5	3	2	2.5	3	2	2.5	3
3.00	92.1	362RH300-33	2.64 [1]	3.18 [2]	-	2.64 [1]	3.18 [2]	-	2.64 [1]	3.18 [2]	-
		362RH300-43	3.06 [2]	3.66 [2]	-	3.06 [2]	3.66 [2]	-	3.06 [2]	3.66 [2]	-
		362RH300-54	3.38 [2]	4.02 [2]	-	3.38 [2]	4.02 [2]	-	3.38 [2]	4.02 [2]	-
		362RH300-68	3.61 [2]	4.30 [2]	-	3.61 [2]	4.30 [2]	-	3.61 [2]	4.30 [2]	-
		362RH300-97	3.92 [2]	4.66 [2]	-	3.92 [2]	4.66 [2]	-	3.92 [2]	4.66 [2]	-
		362RH350-54	3.71 [2]	4.41 [2]	-	3.71 [2]	4.41 [2]	-	3.71 [2]	4.18 [2]	-
		362RH350-68	3.96 [2]	4.71 [2]	-	3.96 [2]	4.71 [2]	-	3.96 [2]	4.57 [2]	-
		362RH350-97	4.30 [2]	5.11 [2]	-	4.30 [2]	5.11 [2]	-	4.30 [2]	5.10 [2]	-
	102	400RH300-33	2.70 [1]	3.29 [1]	-	2.70 [1]	3.29 [1]	-	2.70 [1]	3.29 [1]	-
		400RH300-43	3.22 [2]	3.83 [2]	-	3.22 [2]	3.83 [2]	-	3.22 [2]	3.83 [2]	-
		400RH300-54	3.42 [2]	4.06 [2]	-	3.42 [2]	4.06 [2]	-	3.42 [2]	4.06 [2]	-
		400RH300-68	3.65 [2]	4.34 [2]	-	3.65 [2]	4.34 [2]	-	3.65 [2]	4.34 [2]	-
		400RH300-97	3.96 [2]	4.71 [2]	-	3.96 [2]	4.71 [2]	-	3.96 [2]	4.71 [2]	-
		400RH350-54	3.74 [2]	4.45 [2]	-	3.74 [2]	4.45 [2]	-	3.74 [2]	4.45 [2]	-
		400RH350-68	4.00 [2]	4.75 [2]	-	4.00 [2]	4.75 [2]	-	4.00 [2]	4.75 [2]	-
		400RH350-97	4.34 [2]	5.16 [2]	-	4.34 [2]	5.16 [2]	-	4.34 [2]	5.16 [2]	-
	152	600RH300-33	2.87 [1]	3.59 [1]	-	2.87 [1]	3.59 [1]	-	2.87 [1]	3.59 [1]	-
		600RH300-43	3.32 [1]	3.95 [1]	-	3.32 [1]	3.95 [1]	-	3.32 [1]	3.95 [1]	-
		600RH300-54	3.55 [1]	4.22 [1]	-	3.55 [1]	4.22 [1]	-	3.55 [1]	4.22 [1]	-
		600RH300-68	3.79 [1]	4.51 [1]	-	3.79 [1]	4.51 [1]	-	3.79 [1]	4.51 [1]	-
		600RH300-97	4.12 [1]	4.89 [2]	-	4.12 [1]	4.89 [2]	-	4.12 [1]	4.89 [2]	-
		600RH350-54	3.89 [1]	4.62 [1]	-	3.89 [1]	4.62 [1]	-	3.89 [1]	4.62 [1]	-
		600RH350-68	4.15 [1]	4.94 [2]	-	4.15 [1]	4.94 [2]	-	4.15 [1]	4.94 [2]	-
		600RH350-97	4.51 [2]	5.37 [2]	-	4.51 [2]	5.37 [2]	-	4.51 [2]	5.37 [2]	-
	203	800RH300-43	3.40 [1]	4.04 [1]	-	3.40 [1]	4.04 [1]	-	3.40 [1]	4.04 [1]	-
		800RH300-54	3.63 [1]	4.32 [1]	-	3.63 [1]	4.32 [1]	-	3.63 [1]	4.32 [1]	-
		800RH300-68	3.89 [1]	4.62 [1]	-	3.89 [1]	4.62 [1]	-	3.89 [1]	4.62 [1]	-
		800RH300-97	4.22 [1]	5.02 [1]	-	4.22 [1]	5.02 [1]	-	4.22 [1]	5.02 [1]	-
		800RH350-54	3.98 [1]	4.74 [1]	-	3.98 [1]	4.74 [1]	-	3.98 [1]	4.74 [1]	-
		800RH350-68	4.26 [1]	5.06 [1]	-	4.26 [1]	5.06 [1]	-	4.26 [1]	5.06 [1]	-
		800RH350-97	4.63 [1]	5.51 [1]	-	4.63 [1]	5.51 [1]	-	4.63 [1]	5.51 [1]	-
3.50	92.1	362RH300-33	2.26 [1]	2.56 [2]	3.05 [2]	2.26 [1]	2.56 [2]	3.05 [2]	2.26 [1]	2.56 [2]	3.05 [2]
		362RH300-43	2.62 [2]	2.96 [2]	3.50 [2]	2.62 [2]	2.96 [2]	3.50 [2]	2.62 [2]	2.96 [2]	3.50 [2]
		362RH300-54	3.06 [2]	3.38 [2]	4.02 [2]	3.06 [2]	3.38 [2]	4.02 [2]	3.06 [2]	3.38 [2]	3.85 [2]
		362RH300-68	3.27 [2]	3.61 [2]	4.30 [2]	3.27 [2]	3.61 [2]	4.30 [2]	3.27 [2]	3.61 [2]	4.19 [2]
		362RH300-97	3.54 [2]	3.92 [2]	4.66 [2]	3.54 [2]	3.92 [2]	4.66 [2]	3.54 [2]	3.92 [2]	4.65 [2]
		362RH350-54	3.35 [2]	3.71 [2]	4.41 [2]	3.35 [2]	3.71 [2]	4.41 [2]	3.35 [2]	3.71 [2]	3.97 [2]
		362RH350-68	3.58 [2]	3.96 [2]	4.71 [2]	3.58 [2]	3.96 [2]	4.71 [2]	3.58 [2]	3.96 [2]	4.34 [2]
		362RH350-97	3.88 [2]	4.30 [2]	5.11 [2]	3.88 [2]	4.30 [2]	5.11 [2]	3.88 [2]	4.30 [2]	4.84 [2]
	102	400RH300-33	2.30 [1]	2.63 [1]	3.16 [2]	2.30 [1]	2.63 [1]	3.16 [2]	2.30 [1]	2.63 [1]	3.16 [2]
		400RH300-43	2.74 [2]	3.14 [2]	3.78 [2]	2.74 [2]	3.14 [2]	3.78 [2]	2.74 [2]	3.14 [2]	3.78 [2]
		400RH300-54	3.09 [2]	3.42 [2]	4.06 [2]	3.09 [2]	3.42 [2]	4.06 [2]	3.09 [2]	3.42 [2]	4.06 [2]
		400RH300-68	3.30 [2]	3.65 [2]	4.34 [2]	3.30 [2]	3.65 [2]	4.34 [2]	3.30 [2]	3.65 [2]	4.34 [2]
		400RH300-97	3.58 [2]	3.96 [2]	4.71 [2]	3.58 [2]	3.96 [2]	4.71 [2]	3.58 [2]	3.96 [2]	4.71 [2]
		400RH350-54	3.38 [2]	3.74 [2]	4.45 [2]	3.38 [2]	3.74 [2]	4.45 [2]	3.38 [2]	3.74 [2]	4.27 [2]
		400RH350-68	3.61 [2]	4.00 [2]	4.75 [2]	3.61 [2]	4.00 [2]	4.75 [2]	3.61 [2]	4.00 [2]	4.67 [2]
		400RH350-97	3.92 [2]	4.34 [2]	5.16 [2]	3.92 [2]	4.34 [2]	5.16 [2]	3.92 [2]	4.34 [2]	5.16 [2]
	152	600RH300-33	2.41 [1]	2.81 [1]	3.52 [1]	2.41 [1]	2.81 [1]	3.52 [1]	2.41 [1]	2.81 [1]	3.52 [1]
		600RH300-43	2.90 [1]	3.32 [1]	3.95 [1]	2.90 [1]	3.32 [1]	3.95 [1]	2.90 [1]	3.32 [1]	3.95 [1]
		600RH300-54	3.20 [2]	3.55 [1]	4.22 [1]	3.20 [2]	3.55 [1]	4.22 [1]	3.20 [2]	3.55 [1]	4.22 [1]
		600RH300-68	3.43 [2]	3.79 [2]	4.51 [2]	3.43 [2]	3.79 [2]	4.51 [2]	3.43 [2]	3.79 [2]	4.51 [2]
		600RH300-97	3.72 [2]	4.12 [2]	4.89 [2]	3.72 [2]	4.12 [2]	4.89 [2]	3.72 [2]	4.12 [2]	4.89 [2]
		600RH350-54	3.51 [2]	3.89 [2]	4.62 [2]	3.51 [2]	3.89 [2]	4.62 [2]	3.51 [2]	3.89 [2]	4.62 [2]
		600RH350-68	3.75 [2]	4.15 [2]	4.94 [2]	3.75 [2]	4.15 [2]	4.94 [2]	3.75 [2]	4.15 [2]	4.94 [2]
		600RH350-97	4.08 [2]	4.51 [2]	5.37 [2]	4.08 [2]	4.51 [2]	5.37 [2]	4.08 [2]	4.51 [2]	5.37 [2]
	203	800RH300-43	2.94 [1]	3.40 [1]	4.04 [1]	2.94 [1]	3.40 [1]	4.04 [1]	2.94 [1]	3.40 [1]	4.04 [1]
		800RH300-54	3.28 [1]	3.63 [1]	4.32 [1]	3.28 [1]	3.63 [1]	4.32 [1]	3.28 [1]	3.63 [1]	4.32 [1]
		800RH300-68	3.51 [2]	3.89 [1]	4.62 [1]	3.51 [2]	3.89 [1]	4.62 [1]	3.51 [2]	3.89 [1]	4.62 [1]
		800RH300-97	3.81 [2]	4.22 [2]	5.02 [2]	3.81 [2]	4.22 [2]	5.02 [2]	3.81 [2]	4.22 [2]	5.02 [2]
		800RH350-54	3.60 [2]	3.98 [2]	4.74 [1]	3.60 [2]	3.98 [2]	4.74 [1]	3.60 [2]	3.98 [2]	4.74 [1]
		800RH350-68	3.85 [2]	4.26 [2]	5.06 [2]	3.85 [2]	4.26 [2]	5.06 [2]	3.85 [2]	4.26 [2]	5.06 [2]
		800RH350-97	4.18 [2]	4.63 [2]	5.51 [2]	4.18 [2]	4.63 [2]	5.51 [2]	4.18 [2]	4.63 [2]	5.51 [2]

SPAN NOTES:

1 Use 33 mil HDSC™ Clip with a 4/4 screw pattern.
2 Use 68 mil HDSC™ Clip with a 4/4 screw pattern.

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 All headers require the attachment of the HDSC™ Clip at each end with headers installed leg up.
3 Recommended HDSC™ clip attachments above are based on jamb stud thicknesses being equal to or greater than header thicknesses.
4 Header framing is calculated with a sill height of 0m for worst case design.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136.
6 For deflection calculations, the effective moment of inertia is based on an assumed stress of $0.6*F_y$.
7 For ***interior*** framing, lateral deflection calculations are based on I_w = 1.0.
8 Dead load deflection calculations are limited to L/240 or 12.7mm max. deflection.
9 Header lengths should be ordered ***12.7 mm*** shorter to fit inside clips.

HEADER SPANS FOR **INTERIOR** OPENINGS (m)

(Specified Wind Load = 0.25 kPa; Wall Dead Load = 0.5 kPa; Sill Height = 0 m; I_w = 1)

WALL HEIGHT (m)	HEADER SIZE (mm)	MEMBER DESIGNATION	L/120			L/240			L/360		
			OPENING HEIGHT (m)								
			2	2.5	3	2	2.5	3	2	2.5	3
4.00	92.1	362RH300-33	2.00[2]	2.21[2]	2.49[2]	2.00[2]	2.14[2]	2.45[2]	2.00[2]	1.87[2]	2.14[2]
		362RH300-43	2.32[2]	2.56[2]	2.88[2]	2.32[2]	2.37[2]	2.72[2]	2.32[2]	2.07[2]	2.37[2]
		362RH300-54	2.78[2]	3.06[2]	3.38[2]	2.78[2]	2.55[2]	2.92[2]	2.78[2]	2.23[2]	2.55[2]
		362RH300-68	3.04[2]	3.27[2]	3.61[2]	3.04[2]	2.78[2]	3.18[2]	3.04[2]	2.43[2]	2.78[2]
		362RH300-97	3.30[2]	3.54[2]	3.92[2]	3.30[2]	3.08[2]	3.53[2]	3.30[2]	2.69[2]	3.08[2]
		362RH350-54	3.12[2]	3.35[2]	3.71[2]	3.12[2]	2.63[2]	3.01[2]	3.01[2]	2.30[2]	2.63[2]
		362RH350-68	3.33[2]	3.58[2]	3.96[2]	3.33[2]	2.88[2]	3.30[2]	3.30[2]	2.51[2]	2.88[2]
		362RH350-97	3.61[2]	3.88[2]	4.30[2]	3.61[2]	3.21[2]	3.67[2]	3.61[2]	2.80[2]	3.21[2]
	102	400RH300-33	2.03[2]	2.25[2]	2.56[2]	2.03[2]	2.25[2]	2.56[2]	2.03[2]	2.01[2]	2.30[2]
		400RH300-43	2.42[2]	2.68[2]	3.05[2]	2.42[2]	2.56[2]	2.93[2]	2.42[2]	2.24[2]	2.56[2]
		400RH300-54	2.82[2]	3.09[2]	3.42[2]	2.82[2]	2.75[2]	3.15[2]	2.82[2]	2.41[2]	2.75[2]
		400RH300-68	3.07[2]	3.30[2]	3.65[2]	3.07[2]	2.99[2]	3.43[2]	3.07[2]	2.61[2]	2.99[2]
		400RH300-97	3.33[2]	3.58[2]	3.96[2]	3.33[2]	3.32[2]	3.80[2]	3.33[2]	2.90[2]	3.32[2]
		400RH350-54	3.15[2]	3.38[2]	3.74[2]	3.15[2]	2.83[2]	3.24[2]	3.15[2]	2.48[2]	2.83[2]
		400RH350-68	3.36[2]	3.61[2]	4.00[2]	3.36[2]	3.10[2]	3.55[2]	3.36[2]	2.71[2]	3.10[2]
		400RH350-97	3.65[2]	3.92[2]	4.34[2]	3.65[2]	3.46[2]	3.96[2]	3.65[2]	3.02[2]	3.46[2]
	152	600RH300-33	2.12[1]	2.38[1]	2.76[1]	2.12[1]	2.38[1]	2.76[1]	2.12[1]	2.38[1]	2.76[1]
		600RH300-43	2.55[1]	2.86[1]	3.32[1]	2.55[1]	2.86[1]	3.32[1]	2.55[1]	2.86[1]	3.32[1]
		600RH300-54	2.96[2]	3.20[2]	3.55[2]	2.96[2]	3.20[2]	3.55[2]	2.96[2]	3.20[2]	3.55[2]
		600RH300-68	3.19[2]	3.43[2]	3.79[2]	3.19[2]	3.43[2]	3.79[2]	3.19[2]	3.43[2]	3.79[2]
		600RH300-97	3.46[2]	3.72[2]	4.12[2]	3.46[2]	3.72[2]	4.12[2]	3.46[2]	3.72[2]	4.12[2]
		600RH350-54	3.27[2]	3.51[2]	3.89[2]	3.27[2]	3.51[2]	3.89[2]	3.27[2]	3.36[2]	3.85[2]
		600RH350-68	3.49[2]	3.75[2]	4.15[2]	3.49[2]	3.75[2]	4.15[2]	3.49[2]	3.68[2]	4.15[2]
		600RH350-97	3.79[2]	4.08[2]	4.51[2]	3.79[2]	4.08[2]	4.51[2]	3.79[2]	4.08[2]	4.51[2]
	203	800RH300-43	2.57[1]	2.91[1]	3.40[1]	2.57[1]	2.91[1]	3.40[1]	2.57[1]	2.91[1]	3.40[1]
		800RH300-54	3.05[2]	3.28[2]	3.63[2]	3.05[2]	3.28[2]	3.63[2]	3.05[2]	3.28[2]	3.63[2]
		800RH300-68	3.27[2]	3.51[2]	3.89[2]	3.27[2]	3.51[2]	3.89[2]	3.27[2]	3.51[2]	3.89[2]
		800RH300-97	3.55[2]	3.81[2]	4.22[2]	3.55[2]	3.81[2]	4.22[2]	3.55[2]	3.81[2]	4.22[2]
		800RH350-54	3.35[2]	3.60[2]	3.98[2]	3.35[2]	3.60[2]	3.98[2]	3.35[2]	3.60[2]	3.98[2]
		800RH350-68	3.58[2]	3.85[2]	4.26[2]	3.58[2]	3.85[2]	4.26[2]	3.58[2]	3.85[2]	4.26[2]
		800RH350-97	3.89[2]	4.18[2]	4.63[2]	3.89[2]	4.18[2]	4.63[2]	3.89[2]	4.18[2]	4.63[2]
4.50	92.1	362RH300-33	1.82[2]	1.96[2]	2.16[2]	1.82[2]	1.96[2]	2.16[2]	1.82[2]	1.96[2]	2.16[2]
		362RH300-43	2.11[2]	2.28[2]	2.50[2]	2.11[2]	2.28[2]	2.50[2]	2.11[2]	2.28[2]	2.50[2]
		362RH300-54	2.58[2]	2.78[2]	3.06[2]	2.58[2]	2.78[2]	3.06[2]	2.58[2]	2.78[2]	3.06[2]
		362RH300-68	2.82[2]	3.04[2]	3.27[2]	2.82[2]	3.04[2]	3.27[2]	2.82[2]	3.04[2]	3.27[2]
		362RH300-97	3.12[2]	3.30[2]	3.54[2]	3.12[2]	3.30[2]	3.54[2]	3.12[2]	3.30[2]	3.54[2]
		362RH350-54	2.92[2]	3.12[2]	3.35[2]	2.92[2]	3.12[2]	3.35[2]	2.92[2]	3.12[2]	3.35[2]
		362RH350-68	3.15[2]	3.33[2]	3.58[2]	3.15[2]	3.33[2]	3.58[2]	3.15[2]	3.33[2]	3.58[2]
		362RH350-97	3.42[2]	3.61[2]	3.88[2]	3.42[2]	3.61[2]	3.88[2]	3.42[2]	3.61[2]	3.88[2]
	102	400RH300-33	1.84[2]	2.00[2]	2.21[2]	1.84[2]	2.00[2]	2.21[2]	1.84[2]	2.00[2]	2.21[2]
		400RH300-43	2.19[2]	2.38[2]	2.63[2]	2.19[2]	2.38[2]	2.63[2]	2.19[2]	2.38[2]	2.63[2]
		400RH300-54	2.61[2]	2.82[2]	3.09[2]	2.61[2]	2.82[2]	3.09[2]	2.61[2]	2.82[2]	3.09[2]
		400RH300-68	2.85[2]	3.07[2]	3.30[2]	2.85[2]	3.07[2]	3.30[2]	2.85[2]	3.07[2]	3.30[2]
		400RH300-97	3.15[2]	3.33[2]	3.58[2]	3.15[2]	3.33[2]	3.58[2]	3.15[2]	3.33[2]	3.58[2]
		400RH350-54	2.96[2]	3.15[2]	3.38[2]	2.96[2]	3.15[2]	3.38[2]	2.96[2]	3.15[2]	3.38[2]
		400RH350-68	3.18[2]	3.36[2]	3.61[2]	3.18[2]	3.36[2]	3.61[2]	3.18[2]	3.36[2]	3.61[2]
		400RH350-97	3.45[2]	3.65[2]	3.92[2]	3.45[2]	3.65[2]	3.92[2]	3.45[2]	3.65[2]	3.92[2]
	152	600RH300-33	1.91[1]	2.10[1]	2.34[1]	1.91[1]	2.10[1]	2.34[1]	1.91[1]	2.10[1]	2.34[1]
		600RH300-43	2.30[2]	2.52[2]	2.82[2]	2.30[2]	2.52[2]	2.82[2]	2.30[2]	2.52[2]	2.82[2]
		600RH300-54	2.75[2]	2.96[2]	3.20[2]	2.75[2]	2.96[2]	3.20[2]	2.75[2]	2.96[2]	3.20[2]
		600RH300-68	3.00[2]	3.19[2]	3.43[2]	3.00[2]	3.19[2]	3.43[2]	3.00[2]	3.19[2]	3.43[2]
		600RH300-97	3.27[2]	3.46[2]	3.72[2]	3.27[2]	3.46[2]	3.72[2]	3.27[2]	3.46[2]	3.72[2]
		600RH350-54	3.09[2]	3.27[2]	3.51[2]	3.09[2]	3.27[2]	3.51[2]	3.09[2]	3.27[2]	3.51[2]
		600RH350-68	3.30[2]	3.49[2]	3.75[2]	3.30[2]	3.49[2]	3.75[2]	3.30[2]	3.49[2]	3.75[2]
		600RH350-97	3.59[2]	3.79[2]	4.08[2]	3.59[2]	3.79[2]	4.08[2]	3.59[2]	3.79[2]	4.08[2]
	203	800RH300-43	2.31[2]	2.55[2]	2.88[2]	2.31[2]	2.55[2]	2.88[2]	2.31[2]	2.55[2]	2.88[2]
		800RH300-54	2.84[2]	3.05[2]	3.28[2]	2.84[2]	3.05[2]	3.28[2]	2.84[2]	3.05[2]	3.28[2]
		800RH300-68	3.09[2]	3.27[2]	3.51[2]	3.09[2]	3.27[2]	3.51[2]	3.09[2]	3.27[2]	3.51[2]
		800RH300-97	3.36[2]	3.55[2]	3.81[2]	3.36[2]	3.55[2]	3.81[2]	3.36[2]	3.55[2]	3.81[2]
		800RH350-54	3.17[2]	3.35[2]	3.60[2]	3.17[2]	3.35[2]	3.60[2]	3.17[2]	3.35[2]	3.60[2]
		800RH350-68	3.39[2]	3.58[2]	3.85[2]	3.39[2]	3.58[2]	3.85[2]	3.39[2]	3.58[2]	3.85[2]
		800RH350-97	3.68[2]	3.89[2]	4.18[2]	3.68[2]	3.89[2]	4.18[2]	3.68[2]	3.89[2]	4.18[2]

SPAN NOTES:

1 Use 33 mil HDSC™ Clip with a 4/4 screw pattern.
2 Use 68 mil HDSC™ Clip with a 4/4 screw pattern.

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 All headers require the attachment of the HDSC™ Clip at each end with headers installed leg up.
3 Recommended HDSC™ clip attachments above are based on jamb stud thicknesses being equal to or greater than header thicknesses.
4 Header framing is calculated with a sill height of 0m for worst case design.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136.
6 For deflection calculations, the effective moment of inertia is based on an assumed stress of $0.6*F_y$.
7 For ***interior*** framing, lateral deflection calculations are based on I_w = 1.0.
8 Dead load deflection calculations are limited to L/240 or 12.7mm max. deflection.
9 Header lengths should be ordered ***12.7 mm*** shorter to fit inside clips.

HEADER SPANS FOR **INTERIOR** OPENINGS (m)

(Specified Wind Load = 0.5 kPa; Wall Dead Load = 0.5 kPa; Sill Height = 0 m; I_w = 1)

WALL HEIGHT (m)	HEADER SIZE (mm)	MEMBER DESIGNATION	L/120			L/240			L/360		
			OPENING HEIGHT (m)								
			2	2.5	3	2	2.5	3	2	2.5	3
3.00	92.1	362RH300-33	2.25 [1]	2.56 [2]	-	2.25 [1]	2.56 [2]	-	2.25 [1]	2.56 [2]	-
		362RH300-43	2.59 [2]	2.92 [2]	-	2.59 [2]	2.92 [2]	-	2.59 [2]	2.92 [2]	-
		362RH300-54	3.38 [2]	4.02 [2]	-	3.38 [2]	4.02 [2]	-	3.22 [2]	3.22 [2]	-
		362RH300-68	3.61 [2]	4.30 [2]	-	3.61 [2]	4.30 [2]	-	3.50 [2]	3.50 [2]	-
		362RH300-97	3.92 [2]	4.66 [2]	-	3.92 [2]	4.66 [2]	-	3.88 [2]	3.88 [2]	-
		362RH350-54	3.71 [2]	4.37 [2]	-	3.71 [2]	4.37 [2]	-	3.32 [2]	3.32 [2]	-
		362RH350-68	3.96 [2]	4.71 [2]	-	3.96 [2]	4.71 [2]	-	3.63 [2]	3.63 [2]	-
		362RH350-97	4.30 [2]	5.11 [2]	-	4.30 [2]	5.11 [2]	-	4.04 [2]	4.04 [2]	-
	102	400RH300-33	2.33 [1]	2.67 [1]	-	2.33 [1]	2.67 [1]	-	2.33 [1]	2.67 [1]	-
		400RH300-43	2.78 [2]	3.20 [2]	-	2.78 [2]	3.20 [2]	-	2.78 [2]	3.20 [2]	-
		400RH300-54	3.42 [2]	4.06 [2]	-	3.42 [2]	4.06 [2]	-	3.42 [2]	3.47 [2]	-
		400RH300-68	3.65 [2]	4.34 [2]	-	3.65 [2]	4.34 [2]	-	3.65 [2]	3.77 [2]	-
		400RH300-97	3.96 [2]	4.71 [2]	-	3.96 [2]	4.71 [2]	-	3.96 [2]	4.19 [2]	-
		400RH350-54	3.74 [2]	4.45 [2]	-	3.74 [2]	4.45 [2]	-	3.57 [2]	3.57 [2]	-
		400RH350-68	4.00 [2]	4.75 [2]	-	4.00 [2]	4.75 [2]	-	3.91 [2]	3.91 [2]	-
		400RH350-97	4.34 [2]	5.16 [2]	-	4.34 [2]	5.16 [2]	-	4.34 [2]	4.36 [2]	-
	152	600RH300-33	2.57 [1]	3.08 [1]	-	2.57 [1]	3.08 [1]	-	2.57 [1]	3.08 [1]	-
		600RH300-43	3.12 [1]	3.76 [1]	-	3.12 [1]	3.76 [1]	-	3.12 [1]	3.76 [1]	-
		600RH300-54	3.55 [1]	4.22 [1]	-	3.55 [1]	4.22 [1]	-	3.55 [1]	4.22 [1]	-
		600RH300-68	3.79 [1]	4.51 [1]	-	3.79 [1]	4.51 [1]	-	3.79 [1]	4.51 [1]	-
		600RH300-97	4.12 [1]	4.89 [2]	-	4.12 [1]	4.89 [2]	-	4.12 [1]	4.89 [2]	-
		600RH350-54	3.89 [1]	4.62 [1]	-	3.89 [1]	4.62 [1]	-	3.89 [1]	4.62 [1]	-
		600RH350-68	4.15 [1]	4.94 [2]	-	4.15 [1]	4.94 [2]	-	4.15 [1]	4.94 [2]	-
		600RH350-97	4.51 [2]	5.37 [2]	-	4.51 [2]	5.37 [2]	-	4.51 [2]	5.37 [2]	-
	203	800RH300-43	3.25 [1]	4.04 [1]	-	3.25 [1]	4.04 [1]	-	3.25 [1]	4.04 [1]	-
		800RH300-54	3.63 [1]	4.32 [1]	-	3.63 [1]	4.32 [1]	-	3.63 [1]	4.32 [1]	-
		800RH300-68	3.89 [1]	4.62 [1]	-	3.89 [1]	4.62 [1]	-	3.89 [1]	4.62 [1]	-
		800RH300-97	4.22 [1]	5.02 [1]	-	4.22 [1]	5.02 [1]	-	4.22 [1]	5.02 [1]	-
		800RH350-54	3.98 [1]	4.74 [1]	-	3.98 [1]	4.74 [1]	-	3.98 [1]	4.74 [1]	-
		800RH350-68	4.26 [1]	5.06 [1]	-	4.26 [1]	5.06 [1]	-	4.26 [1]	5.06 [1]	-
		800RH350-97	4.63 [1]	5.51 [1]	-	4.63 [1]	5.51 [1]	-	4.63 [1]	5.51 [1]	-
3.50	92.1	362RH300-33	1.96 [1]	2.15 [2]	2.42 [2]	1.96 [1]	2.15 [2]	2.42 [2]	1.96 [1]	2.15 [2]	2.42 [2]
		362RH300-43	2.26 [2]	2.47 [2]	2.76 [2]	2.26 [2]	2.47 [2]	2.76 [2]	2.26 [2]	2.47 [2]	2.76 [2]
		362RH300-54	3.06 [2]	3.38 [2]	3.97 [2]	3.06 [2]	3.38 [2]	3.50 [2]	3.06 [2]	3.06 [2]	3.06 [2]
		362RH300-68	3.27 [2]	3.61 [2]	4.3 [2]	3.27 [2]	3.61 [2]	3.80 [2]	3.27 [2]	3.32 [2]	3.32 [2]
		362RH300-97	3.54 [2]	3.92 [2]	4.66 [2]	3.54 [2]	3.92 [2]	4.22 [2]	3.54 [2]	3.69 [2]	3.69 [2]
		362RH350-54	3.35 [2]	3.68 [2]	4.13 [2]	3.35 [2]	3.60 [2]	3.60 [2]	3.15 [2]	3.15 [2]	3.15 [2]
		362RH350-68	3.58 [2]	3.96 [2]	4.71 [2]	3.58 [2]	3.94 [2]	3.94 [2]	3.45 [2]	3.45 [2]	3.45 [2]
		362RH350-97	3.88 [2]	4.30 [2]	5.11 [2]	3.88 [2]	4.30 [2]	4.40 [2]	3.84 [2]	3.84 [2]	3.84 [2]
	102	400RH300-33	2.02 [1]	2.23 [1]	2.53 [2]	2.02 [1]	2.23 [1]	2.53 [2]	2.02 [1]	2.23 [1]	2.53 [2]
		400RH300-43	2.41 [2]	2.67 [2]	3.04 [2]	2.41 [2]	2.67 [2]	3.04 [2]	2.41 [2]	2.67 [2]	3.04 [2]
		400RH300-54	3.09 [2]	3.42 [2]	4.06 [2]	3.09 [2]	3.42 [2]	3.77 [2]	3.09 [2]	3.30 [2]	3.30 [2]
		400RH300-68	3.30 [2]	3.65 [2]	4.34 [2]	3.30 [2]	3.65 [2]	4.10 [2]	3.30 [2]	3.58 [2]	3.58 [2]
		400RH300-97	3.58 [2]	3.96 [2]	4.71 [2]	3.58 [2]	3.96 [2]	4.55 [2]	3.58 [2]	3.96 [2]	3.98 [2]
		400RH350-54	3.38 [2]	3.74 [2]	4.33 [2]	3.38 [2]	3.74 [2]	3.88 [2]	3.38 [2]	3.39 [2]	3.39 [2]
		400RH350-68	3.61 [2]	4.00 [2]	4.75 [2]	3.61 [2]	4.00 [2]	4.25 [2]	3.61 [2]	3.71 [2]	3.71 [2]
		400RH350-97	3.92 [2]	4.34 [2]	5.16 [2]	3.92 [2]	4.34 [2]	4.74 [2]	3.92 [2]	4.14 [2]	4.14 [2]
	152	600RH300-33	2.20 [1]	2.49 [1]	2.94 [1]	2.20 [1]	2.49 [1]	2.94 [1]	2.20 [1]	2.49 [1]	2.94 [1]
		600RH300-43	2.66 [1]	3.02 [1]	3.6 [1]	2.66 [1]	3.02 [1]	3.60 [1]	2.66 [1]	3.02 [1]	3.60 [1]
		600RH300-54	3.20 [2]	3.55 [1]	4.22 [1]	3.20 [2]	3.55 [1]	4.22 [1]	3.20 [2]	3.55 [1]	4.22 [1]
		600RH300-68	3.43 [2]	3.79 [2]	4.51 [2]	3.43 [2]	3.79 [2]	4.51 [2]	3.43 [2]	3.79 [2]	4.51 [2]
		600RH300-97	3.72 [2]	4.12 [2]	4.89 [2]	3.72 [2]	4.12 [2]	4.89 [2]	3.72 [2]	4.12 [2]	4.89 [2]
		600RH350-54	3.51 [2]	3.89 [2]	4.62 [2]	3.51 [2]	3.89 [2]	4.62 [2]	3.51 [2]	3.89 [2]	4.61 [2]
		600RH350-68	3.75 [2]	4.15 [2]	4.94 [2]	3.75 [2]	4.15 [2]	4.94 [2]	3.75 [2]	4.15 [2]	4.94 [2]
		600RH350-97	4.08 [2]	4.51 [2]	5.37 [2]	4.08 [2]	4.51 [2]	5.37 [2]	4.08 [2]	4.51 [2]	5.37 [2]
	203	800RH300-43	2.75 [1]	3.17 [1]	3.89 [1]	2.75 [1]	3.17 [1]	3.89 [1]	2.75 [1]	3.17 [1]	3.89 [1]
		800RH300-54	3.28 [1]	3.63 [1]	4.32 [1]	3.28 [1]	3.63 [1]	4.32 [1]	3.28 [1]	3.63 [1]	4.32 [1]
		800RH300-68	3.51 [2]	3.89 [1]	4.62 [1]	3.51 [2]	3.89 [1]	4.62 [1]	3.51 [2]	3.89 [1]	4.62 [1]
		800RH300-97	3.81 [2]	4.22 [2]	5.02 [2]	3.81 [2]	4.22 [2]	5.02 [2]	3.81 [2]	4.22 [2]	5.02 [2]
		800RH350-54	3.60 [2]	3.98 [2]	4.74 [1]	3.60 [2]	3.98 [2]	4.74 [1]	3.60 [2]	3.98 [2]	4.74 [1]
		800RH350-68	3.85 [2]	4.26 [2]	5.06 [2]	3.85 [2]	4.26 [2]	5.06 [2]	3.85 [2]	4.26 [2]	5.06 [2]
		800RH350-97	4.18 [2]	4.63 [2]	5.51 [2]	4.18 [2]	4.63 [2]	5.51 [2]	4.18 [2]	4.63 [2]	5.51 [2]

SPAN NOTES:

1 Use 33 mil HDSC™ Clip with a 4/4 screw pattern.
2 Use 68 mil HDSC™ Clip with a 4/4 screw pattern.

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 All headers require the attachment of the HDSC™ Clip at each end with headers installed leg up.
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5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136.
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7 For ***interior*** framing, lateral deflection calculations are based on I_w = 1.0.
8 Dead load deflection calculations are limited to L/240 or 12.7mm max. deflection.
9 Header lengths should be ordered ***12.7 mm*** shorter to fit inside clips.

(METRIC)

HEADER SPANS FOR **INTERIOR** OPENINGS (m)

(Specified Wind Load = 0.5 kPa; Wall Dead Load = 0.5 kPa; Sill Height = 0 m; I_w = 1)

WALL HEIGHT (m)	HEADER SIZE (mm)	MEMBER DESIGNATION	L/120			L/240			L/360		
			OPENING HEIGHT (m)								
			2	2.5	3	2	2.5	3	2	2.5	3
4.00	92.1	362RH300-33	1.76 [2]	1.90 [2]	2.07 [2]	1.76 [2]	1.70 [2]	1.94 [2]	1.76 [2]	1.48 [2]	1.70 [2]
		362RH300-43	2.03 [2]	2.18 [2]	2.37 [2]	2.03 [2]	1.88 [2]	2.16 [2]	2.03 [2]	1.65 [2]	1.88 [2]
		362RH300-54	2.78 [2]	3.06 [2]	3.38 [2]	2.78 [2]	2.03 [2]	2.32 [2]	2.32 [2]	1.77 [2]	2.03 [2]
		362RH300-68	3.04 [2]	3.27 [2]	3.61 [2]	3.04 [2]	2.20 [2]	2.52 [2]	2.52 [2]	1.92 [2]	2.20 [2]
		362RH300-97	3.30 [2]	3.54 [2]	3.92 [2]	3.30 [2]	2.45 [2]	2.80 [2]	2.80 [2]	2.14 [2]	2.45 [2]
		362RH350-54	3.01 [2]	3.24 [2]	3.54 [2]	3.01 [2]	2.09 [2]	2.39 [2]	2.39 [2]	1.82 [2]	2.09 [2]
		362RH350-68	3.33 [2]	3.58 [2]	3.96 [2]	3.33 [2]	2.28 [2]	2.62 [2]	2.62 [2]	2.00 [2]	2.28 [2]
		362RH350-97	3.61 [2]	3.88 [2]	4.30 [2]	3.61 [2]	2.55 [2]	2.92 [2]	2.92 [2]	2.23 [2]	2.55 [2]
	102	400RH300-33	1.81 [2]	1.96 [2]	2.15 [2]	1.81 [2]	1.83 [2]	2.09 [2]	1.81 [2]	1.60 [2]	1.83 [2]
		400RH300-43	2.16 [2]	2.34 [2]	2.57 [2]	2.16 [2]	2.03 [2]	2.32 [2]	2.16 [2]	1.77 [2]	2.03 [2]
		400RH300-54	2.82 [2]	3.09 [2]	3.42 [2]	2.82 [2]	2.19 [2]	2.50 [2]	2.50 [2]	1.91 [2]	2.19 [2]
		400RH300-68	3.07 [2]	3.30 [2]	3.65 [2]	3.07 [2]	2.37 [2]	2.72 [2]	2.72 [2]	2.07 [2]	2.37 [2]
		400RH300-97	3.33 [2]	3.58 [2]	3.96 [2]	3.33 [2]	2.64 [2]	3.02 [2]	3.02 [2]	2.30 [2]	2.64 [2]
		400RH350-54	3.09 [2]	3.34 [2]	3.67 [2]	3.09 [2]	2.25 [2]	2.57 [2]	2.57 [2]	1.96 [2]	2.25 [2]
		400RH350-68	3.36 [2]	3.61 [2]	4.00 [2]	3.36 [2]	2.46 [2]	2.82 [2]	2.82 [2]	2.15 [2]	2.46 [2]
		400RH350-97	3.65 [2]	3.92 [2]	4.34 [2]	3.65 [2]	2.75 [2]	3.14 [2]	3.14 [2]	2.40 [2]	2.75 [2]
	152	600RH300-33	1.95 [1]	2.15 [1]	2.42 [1]	1.95 [1]	2.15 [1]	2.42 [1]	1.95 [1]	2.15 [1]	2.42 [1]
		600RH300-43	2.36 [1]	2.60 [1]	2.94 [1]	2.36 [1]	2.60 [1]	2.94 [1]	2.36 [1]	2.42 [1]	2.77 [1]
		600RH300-54	2.96 [2]	3.20 [2]	3.55 [2]	2.96 [2]	2.98 [2]	3.41 [2]	2.96 [2]	2.60 [2]	2.98 [2]
		600RH300-68	3.19 [2]	3.43 [2]	3.79 [2]	3.19 [2]	3.24 [2]	3.71 [2]	3.19 [2]	2.83 [2]	3.24 [2]
		600RH300-97	3.46 [2]	3.72 [2]	4.12 [2]	3.46 [2]	3.60 [2]	4.12 [2]	3.46 [2]	3.15 [2]	3.60 [2]
		600RH350-54	3.27 [2]	3.51 [2]	3.89 [2]	3.27 [2]	3.06 [2]	3.50 [2]	3.27 [2]	2.67 [2]	3.06 [2]
		600RH350-68	3.49 [2]	3.75 [2]	4.15 [2]	3.49 [2]	3.34 [2]	3.82 [2]	3.49 [2]	2.92 [2]	3.34 [2]
		600RH350-97	3.79 [2]	4.08 [2]	4.51 [2]	3.79 [2]	3.74 [2]	4.28 [2]	3.79 [2]	3.26 [2]	3.74 [2]
	203	800RH300-43	2.42 [1]	2.70 [1]	3.10 [1]	2.42 [1]	2.70 [1]	3.10 [1]	2.42 [1]	2.70 [1]	3.10 [1]
		800RH300-54	3.05 [2]	3.28 [2]	3.63 [2]	3.05 [2]	3.28 [2]	3.63 [2]	3.05 [2]	3.25 [2]	3.63 [2]
		800RH300-68	3.27 [2]	3.51 [2]	3.89 [2]	3.27 [2]	3.51 [2]	3.89 [2]	3.27 [2]	3.51 [2]	3.89 [2]
		800RH300-97	3.55 [2]	3.81 [2]	4.22 [2]	3.55 [2]	3.81 [2]	4.22 [2]	3.55 [2]	3.81 [2]	4.22 [2]
		800RH350-54	3.35 [2]	3.60 [2]	3.98 [2]	3.35 [2]	3.60 [2]	3.98 [2]	3.35 [2]	3.33 [2]	3.82 [2]
		800RH350-68	3.58 [2]	3.85 [2]	4.26 [2]	3.58 [2]	3.85 [2]	4.26 [2]	3.58 [2]	3.63 [2]	4.16 [2]
		800RH350-97	3.89 [2]	4.18 [2]	4.63 [2]	3.89 [2]	4.18 [2]	4.63 [2]	3.89 [2]	4.07 [2]	4.63 [2]
4.50	92.1	362RH300-33	1.82 [2]	1.96 [2]	2.16 [2]	1.82 [2]	1.96 [2]	2.16 [2]	1.82 [2]	1.96 [2]	2.16 [2]
		362RH300-43	2.11 [2]	2.28 [2]	2.50 [2]	2.11 [2]	2.28 [2]	2.50 [2]	2.11 [2]	2.28 [2]	2.50 [2]
		362RH300-54	2.58 [2]	2.78 [2]	3.06 [2]	2.58 [2]	2.78 [2]	3.06 [2]	2.58 [2]	2.78 [2]	3.06 [2]
		362RH300-68	2.82 [2]	3.04 [2]	3.27 [2]	2.82 [2]	3.04 [2]	3.27 [2]	2.82 [2]	3.04 [2]	3.27 [2]
		362RH300-97	3.12 [2]	3.30 [2]	3.54 [2]	3.12 [2]	3.30 [2]	3.54 [2]	3.12 [2]	3.30 [2]	3.54 [2]
		362RH350-54	2.92 [2]	3.12 [2]	3.35 [2]	2.92 [2]	3.12 [2]	3.35 [2]	2.92 [2]	3.12 [2]	3.35 [2]
		362RH350-68	3.15 [2]	3.33 [2]	3.58 [2]	3.15 [2]	3.33 [2]	3.58 [2]	3.15 [2]	3.33 [2]	3.58 [2]
		362RH350-97	3.42 [2]	3.61 [2]	3.88 [2]	3.42 [2]	3.61 [2]	3.88 [2]	3.42 [2]	3.61 [2]	3.88 [2]
	102	400RH300-33	1.84 [2]	2.00 [2]	2.21 [2]	1.84 [2]	2.00 [2]	2.21 [2]	1.84 [2]	2.00 [2]	2.21 [2]
		400RH300-43	2.19 [2]	2.38 [2]	2.63 [2]	2.19 [2]	2.38 [2]	2.63 [2]	2.19 [2]	2.38 [2]	2.63 [2]
		400RH300-54	2.61 [2]	2.82 [2]	3.09 [2]	2.61 [2]	2.82 [2]	3.09 [2]	2.61 [2]	2.82 [2]	3.09 [2]
		400RH300-68	2.85 [2]	3.07 [2]	3.30 [2]	2.85 [2]	3.07 [2]	3.30 [2]	2.85 [2]	3.07 [2]	3.30 [2]
		400RH300-97	3.15 [2]	3.33 [2]	3.58 [2]	3.15 [2]	3.33 [2]	3.58 [2]	3.15 [2]	3.33 [2]	3.58 [2]
		400RH350-54	2.96 [2]	3.15 [2]	3.38 [2]	2.96 [2]	3.15 [2]	3.38 [2]	2.96 [2]	3.15 [2]	3.38 [2]
		400RH350-68	3.18 [2]	3.36 [2]	3.61 [2]	3.18 [2]	3.36 [2]	3.61 [2]	3.18 [2]	3.36 [2]	3.61 [2]
		400RH350-97	3.45 [2]	3.65 [2]	3.92 [2]	3.45 [2]	3.65 [2]	3.92 [2]	3.45 [2]	3.65 [2]	3.92 [2]
	152	600RH300-33	1.91 [1]	2.10 [1]	2.34 [1]	1.91 [1]	2.10 [1]	2.34 [1]	1.91 [1]	2.10 [1]	2.34 [1]
		600RH300-43	2.30 [2]	2.52 [2]	2.82 [2]	2.30 [2]	2.52 [2]	2.82 [2]	2.30 [2]	2.52 [2]	2.82 [2]
		600RH300-54	2.75 [2]	2.96 [2]	3.20 [2]	2.75 [2]	2.96 [2]	3.20 [2]	2.75 [2]	2.96 [2]	3.20 [2]
		600RH300-68	3.00 [2]	3.19 [2]	3.43 [2]	3.00 [2]	3.19 [2]	3.43 [2]	3.00 [2]	3.19 [2]	3.43 [2]
		600RH300-97	3.27 [2]	3.46 [2]	3.72 [2]	3.27 [2]	3.46 [2]	3.72 [2]	3.27 [2]	3.46 [2]	3.72 [2]
		600RH350-54	3.09 [2]	3.27 [2]	3.51 [2]	3.09 [2]	3.27 [2]	3.51 [2]	3.09 [2]	3.27 [2]	3.51 [2]
		600RH350-68	3.30 [2]	3.49 [2]	3.75 [2]	3.30 [2]	3.49 [2]	3.75 [2]	3.30 [2]	3.49 [2]	3.75 [2]
		600RH350-97	3.59 [2]	3.79 [2]	4.08 [2]	3.59 [2]	3.79 [2]	4.08 [2]	3.59 [2]	3.79 [2]	4.08 [2]
	203	800RH300-43	2.31 [2]	2.55 [2]	2.88 [2]	2.31 [2]	2.55 [2]	2.88 [2]	2.31 [2]	2.55 [2]	2.88 [2]
		800RH300-54	2.84 [2]	3.05 [2]	3.28 [2]	2.84 [2]	3.05 [2]	3.28 [2]	2.84 [2]	3.05 [2]	3.28 [2]
		800RH300-68	3.09 [2]	3.27 [2]	3.51 [2]	3.09 [2]	3.27 [2]	3.51 [2]	3.09 [2]	3.27 [2]	3.51 [2]
		800RH300-97	3.36 [2]	3.55 [2]	3.81 [2]	3.36 [2]	3.55 [2]	3.81 [2]	3.36 [2]	3.55 [2]	3.81 [2]
		800RH350-54	3.17 [2]	3.35 [2]	3.60 [2]	3.17 [2]	3.35 [2]	3.60 [2]	3.17 [2]	3.35 [2]	3.60 [2]
		800RH350-68	3.39 [2]	3.58 [2]	3.85 [2]	3.39 [2]	3.58 [2]	3.85 [2]	3.39 [2]	3.58 [2]	3.85 [2]
		800RH350-97	3.68 [2]	3.89 [2]	4.18 [2]	3.68 [2]	3.89 [2]	4.18 [2]	3.68 [2]	3.89 [2]	4.18 [2]

SPAN NOTES:

1 Use 33 mil HDSC™ Clip with a 4/4 screw pattern.
2 Use 68 mil HDSC™ Clip with a 4/4 screw pattern.

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 All headers require the attachment of the HDSC™ Clip at each end with headers installed leg up.
3 Recommended HDSC™ clip attachments above are based on jamb stud thicknesses being equal to or greater than header thicknesses.
4 Header framing is calculated with a sill height of 0m for worst case design.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136.
6 For deflection calculations, the effective moment of inertia is based on an assumed stress of $0.6*F_y$.
7 For ***interior*** framing, lateral deflection calculations are based on I_w = 1.0.
8 Dead load deflection calculations are limited to L/240 or 12.7mm max. deflection.
9 Header lengths should be ordered ***12.7 mm*** shorter to fit inside clips.

HEADER SPANS FOR **INTERIOR** OPENINGS (m)

(Specified Wind Load = 0.75 kPa; Wall Dead Load = 0.5 kPa; Sill Height = 0 m; I_w = 1)

WALL HEIGHT (m)	HEADER SIZE (mm)	MEMBER DESIGNATION	L/120			L/240			L/360		
			OPENING HEIGHT (m)								
			2	2.5	3	2	2.5	3	2	2.5	3
3	92.1	362RH300-33	1.99[1]	2.19[2]	-	1.99[1]	2.19[2]	-	1.99[1]	2.19[2]	-
		362RH300-43	2.28[2]	2.50[2]	-	2.28[2]	2.50[2]	-	2.28[2]	2.50[2]	-
		362RH300-54	3.25[2]	3.61[2]	-	3.25[2]	3.61[2]	-	2.81[2]	2.81[2]	-
		362RH300-68	3.61[2]	4.00[2]	-	3.61[2]	4.00[2]	-	3.05[2]	3.05[2]	-
		362RH300-97	3.92[2]	4.66[2]	-	3.92[2]	4.66[2]	-	3.38[2]	3.38[2]	-
		362RH350-54	3.40[2]	3.75[2]	-	3.40[2]	3.75[2]	-	2.89[2]	2.89[2]	-
		362RH350-68	3.93[2]	4.33[2]	-	3.93[2]	4.33[2]	-	3.16[2]	3.16[2]	-
		362RH350-97	4.30[2]	5.09[2]	-	4.30[2]	5.09[2]	-	3.53[2]	3.53[2]	-
	102	400RH300-33	2.07[1]	2.30[1]	-	2.07[1]	2.30[1]	-	2.07[1]	2.30[1]	-
		400RH300-43	2.48[2]	2.76[2]	-	2.48[2]	2.76[2]	-	2.48[2]	2.76[2]	-
		400RH300-54	3.38[2]	3.79[2]	-	3.38[2]	3.79[2]	-	3.02[2]	3.02[2]	-
		400RH300-68	3.65[2]	4.34[2]	-	3.65[2]	4.34[2]	-	3.29[2]	3.29[2]	-
		400RH300-97	3.96[2]	4.71[2]	-	3.96[2]	4.71[2]	-	3.65[2]	3.65[2]	-
		400RH350-54	3.54[2]	3.93[2]	-	3.54[2]	3.93[2]	-	3.11[2]	3.11[2]	-
		400RH350-68	4.00[2]	4.55[2]	-	4.00[2]	4.55[2]	-	3.40[2]	3.40[2]	-
		400RH350-97	4.34[2]	5.16[2]	-	4.34[2]	5.16[2]	-	3.80[2]	3.80[2]	-
	152	600RH300-33	2.35[1]	2.71[1]	-	2.35[1]	2.71[1]	-	2.35[1]	2.71[1]	-
		600RH300-43	2.86[1]	3.33[1]	-	2.86[1]	3.33[1]	-	2.86[1]	3.33[1]	-
		600RH300-54	3.55[1]	4.22[1]	-	3.55[1]	4.22[1]	-	3.55[1]	4.12[1]	-
		600RH300-68	3.79[1]	4.51[1]	-	3.79[1]	4.51[1]	-	3.79[1]	4.48[1]	-
		600RH300-97	4.12[1]	4.89[2]	-	4.12[1]	4.89[2]	-	4.12[1]	4.89[2]	-
		600RH350-54	3.89[1]	4.60[1]	-	3.89[1]	4.60[1]	-	3.89[1]	4.23[1]	-
		600RH350-68	4.15[1]	4.94[2]	-	4.15[1]	4.94[2]	-	4.15[1]	4.62[2]	-
		600RH350-97	4.51[2]	5.37[2]	-	4.51[2]	5.37[2]	-	4.51[2]	5.17[2]	-
	203	800RH300-43	3.03[1]	3.63[1]	-	3.03[1]	3.63[1]	-	3.03[1]	3.63[1]	-
		800RH300-54	3.63[1]	4.32[1]	-	3.63[1]	4.32[1]	-	3.63[1]	4.32[1]	-
		800RH300-68	3.89[1]	4.62[1]	-	3.89[1]	4.62[1]	-	3.89[1]	4.62[1]	-
		800RH300-97	4.22[1]	5.02[1]	-	4.22[1]	5.02[1]	-	4.22[1]	5.02[1]	-
		800RH350-54	3.98[1]	4.74[1]	-	3.98[1]	4.74[1]	-	3.98[1]	4.74[1]	-
		800RH350-68	4.26[1]	5.06[1]	-	4.26[1]	5.06[1]	-	4.26[1]	5.06[1]	-
		800RH350-97	4.63[1]	5.51[1]	-	4.63[1]	5.51[1]	-	4.63[1]	5.51[1]	-
3.5	92.1	362RH300-33	1.76[1]	1.89[2]	2.06[2]	1.76[1]	1.89[2]	2.06[2]	1.76[1]	1.89[2]	2.06[2]
		362RH300-43	2.02[2]	2.16[2]	2.35[2]	2.02[2]	2.16[2]	2.35[2]	2.02[2]	2.16[2]	2.35[2]
		362RH300-54	2.86[2]	3.09[2]	3.40[2]	2.86[2]	3.05[2]	3.05[2]	2.67[2]	2.67[2]	2.67[2]
		362RH300-68	3.20[2]	3.45[2]	3.76[2]	3.2[2]	3.32[2]	3.32[2]	2.9[2]	2.90[2]	2.90[2]
		362RH300-97	3.54[2]	3.92[2]	4.64[2]	3.54[2]	3.68[2]	3.68[2]	3.22[2]	3.22[2]	3.22[2]
		362RH350-54	3.00[2]	3.23[2]	3.52[2]	3.00[2]	3.14[2]	3.14[2]	2.75[2]	2.75[2]	2.75[2]
		362RH350-68	3.47[2]	3.74[2]	4.07[2]	3.44[2]	3.44[2]	3.44[2]	3.00[2]	3.00[2]	3.00[2]
		362RH350-97	3.88[2]	4.30[2]	4.83[2]	3.83[2]	3.83[2]	3.83[2]	3.35[2]	3.35[2]	3.35[2]
	102	400RH300-33	1.82[1]	1.97[1]	2.17[2]	1.82[1]	1.97[1]	2.17[2]	1.82[1]	1.97[1]	2.17[2]
		400RH300-43	2.18[2]	2.36[2]	2.60[2]	2.18[2]	2.36[2]	2.6[2]	2.18[2]	2.36[2]	2.60[2]
		400RH300-54	2.96[2]	3.22[2]	3.57[2]	2.96[2]	3.22[2]	3.29[2]	2.87[2]	2.87[2]	2.87[2]
		400RH300-68	3.30[2]	3.65[2]	4.14[2]	3.30[2]	3.57[2]	3.57[2]	3.12[2]	3.12[2]	3.12[2]
		400RH300-97	3.58[2]	3.96[2]	4.71[2]	3.58[2]	3.96[2]	3.97[2]	3.47[2]	3.47[2]	3.47[2]
		400RH350-54	3.11[2]	3.37[2]	3.71[2]	3.11[2]	3.37[2]	3.38[2]	2.96[2]	2.96[2]	2.96[2]
		400RH350-68	3.6[2]	3.89[2]	4.28[2]	3.6[2]	3.70[2]	3.7[2]	3.23[2]	3.23[2]	3.23[2]
		400RH350-97	3.92[2]	4.34[2]	5.16[2]	3.92[2]	4.13[2]	4.13[2]	3.61[2]	3.61[2]	3.61[2]
	152	600RH300-33	2.03[1]	2.26[1]	2.58[1]	2.03[1]	2.26[1]	2.58[1]	2.03[1]	2.26[1]	2.58[1]
		600RH300-43	2.47[1]	2.75[1]	3.16[1]	2.47[1]	2.75[1]	3.16[1]	2.47[1]	2.75[1]	3.16[1]
		600RH300-54	3.20[2]	3.55[1]	4.20[1]	3.20[2]	3.55[1]	4.2[1]	3.20[2]	3.55[1]	3.91[1]
		600RH300-68	3.43[2]	3.79[2]	4.51[2]	3.43[2]	3.79[2]	4.51[2]	3.43[2]	3.79[2]	4.25[2]
		600RH300-97	3.72[2]	4.12[2]	4.89[2]	3.72[2]	4.12[2]	4.89[2]	3.72[2]	4.12[2]	4.74[2]
		600RH350-54	3.45[2]	3.83[2]	4.36[2]	3.45[2]	3.83[2]	4.36[2]	3.45[2]	3.83[2]	4.02[2]
		600RH350-68	3.75[2]	4.15[2]	4.94[2]	3.75[2]	4.15[2]	4.94[2]	3.75[2]	4.15[2]	4.39[2]
		600RH350-97	4.08[2]	4.51[2]	5.37[2]	4.08[2]	4.51[2]	5.37[2]	4.08[2]	4.51[2]	4.91[2]
	203	800RH300-43	2.59[1]	2.94[1]	3.47[1]	2.59[1]	2.94[1]	3.47[1]	2.59[1]	2.94[1]	3.47[1]
		800RH300-54	3.28[1]	3.63[1]	4.32[1]	3.28[1]	3.63[1]	4.32[1]	3.28[1]	3.63[1]	4.32[1]
		800RH300-68	3.51[2]	3.89[1]	4.62[1]	3.51[2]	3.89[1]	4.62[1]	3.51[2]	3.89[1]	4.62[1]
		800RH300-97	3.81[2]	4.22[2]	5.02[2]	3.81[2]	4.22[2]	5.02[2]	3.81[2]	4.22[2]	5.02[2]
		800RH350-54	3.60[2]	3.98[2]	4.74[1]	3.60[2]	3.98[2]	4.74[1]	3.60[2]	3.98[2]	4.74[1]
		800RH350-68	3.85[2]	4.26[2]	5.06[2]	3.85[2]	4.26[2]	5.06[2]	3.85[2]	4.26[2]	5.06[2]
		800RH350-97	4.18[2]	4.63[2]	5.51[2]	4.18[2]	4.63[2]	5.51[2]	4.18[2]	4.63[2]	5.51[2]

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9 Header lengths should be ordered ***12.7 mm*** shorter to fit inside clips.

HEADER SPANS FOR **INTERIOR** OPENINGS (m)

(Specified Wind Load = 0.75 kPa; Wall Dead Load = 0.5 kPa; Sill Height = 0 m; I_w = 1)

WALL HEIGHT (m)	HEADER SIZE (mm)	MEMBER DESIGNATION	L/120			L/240			L/360		
			OPENING HEIGHT (m)								
			2	2.5	3	2	2.5	3	2	2.5	3
4.00	92.1	362RH300-33	1.59[2]	1.69[2]	1.80[2]	1.59[2]	1.48[2]	1.69[2]	1.59[2]	1.29[2]	1.48[2]
		362RH300-43	1.83[2]	1.93[2]	2.06[2]	1.83[2]	1.64[2]	1.88[2]	1.83[2]	1.44[2]	1.64[2]
		362RH300-54	2.58[2]	2.75[2]	2.96[2]	2.58[2]	1.77[2]	2.02[2]	2.02[2]	1.54[2]	1.77[2]
		362RH300-68	2.9[2]	3.07[2]	3.29[2]	2.90[2]	1.92[2]	2.20[2]	2.20[2]	1.68[2]	1.92[2]
		362RH300-97	3.30[2]	3.54[2]	3.92[2]	3.30[2]	2.13[2]	2.44[2]	2.44[2]	1.86[2]	2.13[2]
		362RH350-54	2.71[2]	2.88[2]	3.08[2]	2.71[2]	1.82[2]	2.08[2]	2.08[2]	1.59[2]	1.82[2]
		362RH350-68	3.14[2]	3.33[2]	3.57[2]	3.14[2]	1.99[2]	2.28[2]	2.28[2]	1.74[2]	1.99[2]
		362RH350-97	3.61[2]	3.88[2]	4.30[2]	3.61[2]	2.22[2]	2.54[2]	2.54[2]	1.94[2]	2.22[2]
	102	400RH300-33	1.64[2]	1.75[2]	1.88[2]	1.64[2]	1.59[2]	1.82[2]	1.64[2]	1.39[2]	1.59[2]
		400RH300-43	1.96[2]	2.10[2]	2.26[2]	1.96[2]	1.77[2]	2.03[2]	1.96[2]	1.55[2]	1.77[2]
		400RH300-54	2.67[2]	2.85[2]	3.09[2]	2.67[2]	1.91[2]	2.18[2]	2.18[2]	1.66[2]	1.91[2]
		400RH300-68	3.07[2]	3.30[2]	3.58[2]	3.07[2]	2.07[2]	2.37[2]	2.37[2]	1.81[2]	2.07[2]
		400RH300-97	3.33[2]	3.58[2]	3.96[2]	3.33[2]	2.30[2]	2.63[2]	2.63[2]	2.01[2]	2.30[2]
		400RH350-54	2.81[2]	2.99[2]	3.22[2]	2.81[2]	1.96[2]	2.24[2]	2.24[2]	1.71[2]	1.96[2]
		400RH350-68	3.25[2]	3.46[2]	3.72[2]	3.25[2]	2.14[2]	2.46[2]	2.46[2]	1.87[2]	2.14[2]
		400RH350-97	3.65[2]	3.92[2]	4.34[2]	3.65[2]	2.39[2]	2.74[2]	2.74[2]	2.09[2]	2.39[2]
	152	600RH300-33	1.82[1]	1.97[1]	2.17[1]	1.82[1]	1.97[1]	2.17[1]	1.82[1]	1.90[1]	2.17[1]
		600RH300-43	2.20[1]	2.40[1]	2.65[1]	2.20[1]	2.40[1]	2.65[1]	2.20[1]	2.11[1]	2.41[1]
		600RH300-54	2.92[2]	3.18[2]	3.53[2]	2.92[2]	2.60[2]	2.97[2]	2.92[2]	2.27[2]	2.60[2]
		600RH300-68	3.19[2]	3.43[2]	3.79[2]	3.19[2]	2.82[2]	3.23[2]	3.19[2]	2.46[2]	2.82[2]
		600RH300-97	3.46[2]	3.72[2]	4.12[2]	3.46[2]	3.14[2]	3.60[2]	3.46[2]	2.74[2]	3.14[2]
		600RH350-54	3.09[2]	3.35[2]	3.69[2]	3.09[2]	2.66[2]	3.05[2]	3.05[2]	2.33[2]	2.66[2]
		600RH350-68	3.49[2]	3.75[2]	4.15[2]	3.49[2]	2.91[2]	3.33[2]	3.33[2]	2.54[2]	2.91[2]
		600RH350-97	3.79[2]	4.08[2]	4.51[2]	3.79[2]	3.26[2]	3.73[2]	3.73[2]	2.85[2]	3.26[2]
	203	800RH300-43	2.30[1]	2.53[1]	2.85[1]	2.30[1]	2.53[1]	2.85[1]	2.30[1]	2.53[1]	2.85[1]
		800RH300-54	3.05[2]	3.28[2]	3.63[2]	3.05[2]	3.25[2]	3.63[2]	3.05[2]	2.84[2]	3.25[2]
		800RH300-68	3.27[2]	3.51[2]	3.89[2]	3.27[2]	3.51[2]	3.89[2]	3.27[2]	3.08[2]	3.52[2]
		800RH300-97	3.55[2]	3.81[2]	4.22[2]	3.55[2]	3.81[2]	4.22[2]	3.55[2]	3.43[2]	3.93[2]
		800RH350-54	3.24[2]	3.55[2]	3.98[2]	3.24[2]	3.33[2]	3.81[2]	3.24[2]	2.91[2]	3.33[2]
		800RH350-68	3.58[2]	3.85[2]	4.26[2]	3.58[2]	3.63[2]	4.15[2]	3.58[2]	3.17[2]	3.63[2]
		800RH350-97	3.89[2]	4.18[2]	4.63[2]	3.89[2]	4.06[2]	4.63[2]	3.89[2]	3.55[2]	4.06[2]
4.50	92.1	362RH300-33	1.82[2]	1.96[2]	2.16[2]	1.82[2]	1.96[2]	2.16[2]	1.82[2]	1.96[2]	2.16[2]
		362RH300-43	2.11[2]	2.28[2]	2.50[2]	2.11[2]	2.28[2]	2.50[2]	2.11[2]	2.28[2]	2.50[2]
		362RH300-54	2.58[2]	2.78[2]	3.06[2]	2.58[2]	2.78[2]	3.06[2]	2.58[2]	2.78[2]	3.06[2]
		362RH300-68	2.82[2]	3.04[2]	3.27[2]	2.82[2]	3.04[2]	3.27[2]	2.82[2]	3.04[2]	3.27[2]
		362RH300-97	3.12[2]	3.30[2]	3.54[2]	3.12[2]	3.30[2]	3.54[2]	3.12[2]	3.30[2]	3.54[2]
		362RH350-54	2.92[2]	3.12[2]	3.35[2]	2.92[2]	3.12[2]	3.35[2]	2.92[2]	3.12[2]	3.35[2]
		362RH350-68	3.15[2]	3.33[2]	3.58[2]	3.15[2]	3.33[2]	3.58[2]	3.15[2]	3.33[2]	3.58[2]
		362RH350-97	3.42[2]	3.61[2]	3.88[2]	3.42[2]	3.61[2]	3.88[2]	3.42[2]	3.61[2]	3.88[2]
	102	400RH300-33	1.84[2]	2.00[2]	2.21[2]	1.84[2]	2.00[2]	2.21[2]	1.84[2]	2.00[2]	2.21[2]
		400RH300-43	2.19[2]	2.38[2]	2.63[2]	2.19[2]	2.38[2]	2.63[2]	2.19[2]	2.38[2]	2.63[2]
		400RH300-54	2.61[2]	2.82[2]	3.09[2]	2.61[2]	2.82[2]	3.09[2]	2.61[2]	2.82[2]	3.09[2]
		400RH300-68	2.85[2]	3.07[2]	3.30[2]	2.85[2]	3.07[2]	3.30[2]	2.85[2]	3.07[2]	3.30[2]
		400RH300-97	3.15[2]	3.33[2]	3.58[2]	3.15[2]	3.33[2]	3.58[2]	3.15[2]	3.33[2]	3.58[2]
		400RH350-54	2.96[2]	3.15[2]	3.38[2]	2.96[2]	3.15[2]	3.38[2]	2.96[2]	3.15[2]	3.38[2]
		400RH350-68	3.18[2]	3.36[2]	3.61[2]	3.18[2]	3.36[2]	3.61[2]	3.18[2]	3.36[2]	3.61[2]
		400RH350-97	3.45[2]	3.65[2]	3.92[2]	3.45[2]	3.65[2]	3.92[2]	3.45[2]	3.65[2]	3.92[2]
	152	600RH300-33	1.91[1]	2.10[1]	2.34[1]	1.91[1]	2.10[1]	2.34[1]	1.91[1]	2.10[1]	2.34[1]
		600RH300-43	2.30[2]	2.52[2]	2.82[2]	2.30[2]	2.52[2]	2.82[2]	2.30[2]	2.52[2]	2.82[2]
		600RH300-54	2.75[2]	2.96[2]	3.20[2]	2.75[2]	2.96[2]	3.20[2]	2.75[2]	2.96[2]	3.20[2]
		600RH300-68	3.00[2]	3.19[2]	3.43[2]	3.00[2]	3.19[2]	3.43[2]	3.00[2]	3.19[2]	3.43[2]
		600RH300-97	3.27[2]	3.46[2]	3.72[2]	3.27[2]	3.46[2]	3.72[2]	3.27[2]	3.46[2]	3.72[2]
		600RH350-54	3.09[2]	3.27[2]	3.51[2]	3.09[2]	3.27[2]	3.51[2]	3.09[2]	3.27[2]	3.51[2]
		600RH350-68	3.30[2]	3.49[2]	3.75[2]	3.30[2]	3.49[2]	3.75[2]	3.30[2]	3.49[2]	3.75[2]
		600RH350-97	3.59[2]	3.79[2]	4.08[2]	3.59[2]	3.79[2]	4.08[2]	3.59[2]	3.79[2]	4.08[2]
	203	800RH300-43	2.31[2]	2.55[2]	2.88[2]	2.31[2]	2.55[2]	2.88[2]	2.31[2]	2.55[2]	2.88[2]
		800RH300-54	2.84[2]	3.05[2]	3.28[2]	2.84[2]	3.05[2]	3.28[2]	2.84[2]	3.05[2]	3.28[2]
		800RH300-68	3.09[2]	3.27[2]	3.51[2]	3.09[2]	3.27[2]	3.51[2]	3.09[2]	3.27[2]	3.51[2]
		800RH300-97	3.36[2]	3.55[2]	3.81[2]	3.36[2]	3.55[2]	3.81[2]	3.36[2]	3.55[2]	3.81[2]
		800RH350-54	3.17[2]	3.35[2]	3.60[2]	3.17[2]	3.35[2]	3.60[2]	3.17[2]	3.35[2]	3.60[2]
		800RH350-68	3.39[2]	3.58[2]	3.85[2]	3.39[2]	3.58[2]	3.85[2]	3.39[2]	3.58[2]	3.85[2]
		800RH350-97	3.68[2]	3.89[2]	4.18[2]	3.68[2]	3.89[2]	4.18[2]	3.68[2]	3.89[2]	4.18[2]

SPAN NOTES:

1 Use 33 mil HDSC™ Clip with a 4/4 screw pattern.
2 Use 68 mil HDSC™ Clip with a 4/4 screw pattern.

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 All headers require the attachment of the HDSC™ Clip at each end with headers installed leg up.
3 Recommended HDSC™ clip attachments above are based on jamb stud thicknesses being equal to or greater than header thicknesses.
4 Header framing is calculated with a sill height of 0m for worst case design.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136.
6 For deflection calculations, the effective moment of inertia is based on an assumed stress of $0.6*F_y$.
7 For ***interior*** framing, lateral deflection calculations are based on I_w = 1.0.
8 Dead load deflection calculations are limited to L/240 or 12.7mm max. deflection.
9 Header lengths should be ordered ***12.7 mm*** shorter to fit inside clips.

HEADER SPANS FOR **EXTERIOR** OPENINGS (m)

(Specified Wind Load = 1 kPa; Wall Dead Load = 0.6 kPa; Sill Height = 0 m; I_w = 0.75)

WALL HEIGHT (m)	HEADER SIZE (mm)	MEMBER DESIGNATION	L/240			L/360			L/600		
			OPENING HEIGHT (m)								
			2	2.5	3	2	2.5	3	2	2.5	3
3.00	92.1	362RH300-33	1.75[1]	1.92[2]	-	1.75[1]	1.92[2]	-	1.75[1]	1.92[2]	-
		362RH300-43	2.01[2]	2.19[2]	-	2.01[2]	2.19[2]	-	2.01[2]	2.19[2]	-
		362RH300-54	2.87[2]	3.16[2]	-	2.87[2]	3.16[2]	-	2.87[2]	2.87[2]	-
		362RH300-68	3.20[2]	3.50[2]	-	3.20[2]	3.50[2]	-	3.12[2]	3.12[2]	-
		362RH300-97	3.74[2]	4.45[2]	-	3.74[2]	4.10[2]	-	3.46[2]	3.46[2]	-
		362RH350-54	3.00[2]	3.28[2]	-	3.00[2]	3.28[2]	-	2.95[2]	2.95[2]	-
		362RH350-68	3.47[2]	3.79[2]	-	3.47[2]	3.79[2]	-	3.23[2]	3.23[2]	-
		362RH350-97	4.10[2]	4.64[2]	-	4.10[2]	4.27[2]	-	3.60[2]	3.60[2]	-
	102	400RH300-33	1.83[1]	2.02[1]	-	1.83[1]	2.02[1]	-	1.83[1]	2.02[1]	-
		400RH300-43	2.19[2]	2.42[2]	-	2.19[2]	2.42[2]	-	2.19[2]	2.42[2]	-
		400RH300-54	2.99[2]	3.32[2]	-	2.99[2]	3.32[2]	-	2.99[2]	3.09[2]	-
		400RH300-68	3.46[2]	3.85[2]	-	3.46[2]	3.85[2]	-	3.36[2]	3.36[2]	-
		400RH300-97	3.78[2]	4.49[2]	-	3.78[2]	4.42[2]	-	3.73[2]	3.73[2]	-
		400RH350-54	3.12[2]	3.45[2]	-	3.12[2]	3.45[2]	-	3.12[2]	3.18[2]	-
		400RH350-68	3.61[2]	3.99[2]	-	3.61[2]	3.99[2]	-	3.48[2]	3.48[2]	-
		400RH350-97	4.14[2]	4.87[2]	-	4.14[2]	4.60[2]	-	3.88[2]	3.88[2]	-
	152	600RH300-33	2.08[1]	2.39[1]	-	2.08[1]	2.39[1]	-	2.08[1]	2.39[1]	-
		600RH300-43	2.54[1]	2.93[1]	-	2.54[1]	2.93[1]	-	2.54[1]	2.93[1]	-
		600RH300-54	3.37[1]	3.90[1]	-	3.37[1]	3.90[1]	-	3.37[1]	3.90[1]	-
		600RH300-68	3.62[1]	4.30[1]	-	3.62[1]	4.30[1]	-	3.62[1]	4.30[1]	-
		600RH300-97	3.93[1]	4.67[2]	-	3.93[1]	4.67[2]	-	3.93[1]	4.67[2]	-
		600RH350-54	3.54[1]	4.05[1]	-	3.54[1]	4.05[1]	-	3.54[1]	4.05[1]	-
		600RH350-68	3.96[1]	4.71[2]	-	3.96[1]	4.71[2]	-	3.96[1]	4.71[2]	-
		600RH350-97	4.31[2]	5.12[2]	-	4.31[2]	5.12[2]	-	4.31[2]	5.12[2]	-
	203	800RH300-43	2.71[1]	3.22[1]	-	2.71[1]	3.22[1]	-	2.71[1]	3.22[1]	-
		800RH300-54	3.47[1]	4.12[1]	-	3.47[1]	4.12[1]	-	3.47[1]	4.12[1]	-
		800RH300-68	3.71[1]	4.41[1]	-	3.71[1]	4.41[1]	-	3.71[1]	4.41[1]	-
		800RH300-97	4.03[1]	4.79[1]	-	4.03[1]	4.79[1]	-	4.03[1]	4.79[1]	-
		800RH350-54	3.79[1]	4.45[1]	-	3.79[1]	4.45[1]	-	3.79[1]	4.45[1]	-
		800RH350-68	4.06[1]	4.83[1]	-	4.06[1]	4.83[1]	-	4.06[1]	4.83[1]	-
		800RH350-97	4.42[1]	5.26[1]	-	4.42[1]	5.26[1]	-	4.42[1]	5.26[1]	-
3.50	92.1	362RH300-33	1.55[1]	1.66[2]	1.80[2]	1.55[1]	1.66[2]	1.80[2]	1.55[1]	1.66[2]	1.80[2]
		362RH300-43	1.78[2]	1.90[2]	2.05[2]	1.78[2]	1.90[2]	2.05[2]	1.78[2]	1.90[2]	2.05[2]
		362RH300-54	2.53[2]	2.73[2]	2.97[2]	2.53[2]	2.73[2]	2.97[2]	2.53[2]	2.73[2]	2.73[2]
		362RH300-68	2.83[2]	3.03[2]	3.29[2]	2.83[2]	3.03[2]	3.29[2]	2.83[2]	2.96[2]	2.96[2]
		362RH300-97	3.38[2]	3.74[2]	4.21[2]	3.38[2]	3.74[2]	3.90[2]	3.29[2]	3.29[2]	3.29[2]
		362RH350-54	2.65[2]	2.84[2]	3.08[2]	2.65[2]	2.84[2]	3.08[2]	2.65[2]	2.81[2]	2.81[2]
		362RH350-68	3.07[2]	3.29[2]	3.56[2]	3.07[2]	3.29[2]	3.56[2]	3.07[2]	3.07[2]	3.07[2]
		362RH350-97	3.71[2]	4.03[2]	4.36[2]	3.71[2]	4.03[2]	4.06[2]	3.42[2]	3.42[2]	3.42[2]
	102	400RH300-33	1.61[1]	1.74[1]	1.90[2]	1.61[1]	1.74[1]	1.90[2]	1.61[1]	1.74[1]	1.90[2]
		400RH300-43	1.93[2]	2.08[2]	2.28[2]	1.93[2]	2.08[2]	2.28[2]	1.93[2]	2.08[2]	2.28[2]
		400RH300-54	2.62[2]	2.84[2]	3.13[2]	2.62[2]	2.84[2]	3.13[2]	2.62[2]	2.84[2]	2.94[2]
		400RH300-68	3.04[2]	3.30[2]	3.63[2]	3.04[2]	3.30[2]	3.63[2]	3.04[2]	3.19[2]	3.19[2]
		400RH300-97	3.41[2]	3.78[2]	4.44[2]	3.41[2]	3.78[2]	4.20[2]	3.41[2]	3.54[2]	3.54[2]
		400RH350-54	2.75[2]	2.97[2]	3.24[2]	2.75[2]	2.97[2]	3.24[2]	2.75[2]	2.97[2]	3.02[2]
		400RH350-68	3.18[2]	3.43[2]	3.75[2]	3.18[2]	3.43[2]	3.75[2]	3.18[2]	3.31[2]	3.31[2]
		400RH350-97	3.74[2]	4.14[2]	4.58[2]	3.74[2]	4.14[2]	4.37[2]	3.69[2]	3.69[2]	3.69[2]
	152	600RH300-33	1.81[1]	2.00[1]	2.26[1]	1.81[1]	2.00[1]	2.26[1]	1.81[1]	2.00[1]	2.26[1]
		600RH300-43	2.20[1]	2.44[1]	2.78[1]	2.20[1]	2.44[1]	2.78[1]	2.20[1]	2.44[1]	2.78[1]
		600RH300-54	2.92[2]	3.24[1]	3.70[1]	2.92[2]	3.24[1]	3.70[1]	2.92[2]	3.24[1]	3.70[1]
		600RH300-68	3.27[2]	3.62[2]	4.30[2]	3.27[2]	3.62[2]	4.30[2]	3.27[2]	3.62[2]	4.30[2]
		600RH300-97	3.55[2]	3.93[2]	4.67[2]	3.55[2]	3.93[2]	4.67[2]	3.55[2]	3.93[2]	4.67[2]
		600RH350-54	3.08[2]	3.39[2]	3.83[2]	3.08[2]	3.39[2]	3.83[2]	3.08[2]	3.39[2]	3.83[2]
		600RH350-68	3.58[2]	3.95[2]	4.47[2]	3.58[2]	3.95[2]	4.47[2]	3.58[2]	3.95[2]	4.47[2]
		600RH350-97	3.89[2]	4.31[2]	5.12[2]	3.89[2]	4.31[2]	5.12[2]	3.89[2]	4.31[2]	5.02[2]
	203	800RH300-43	2.32[1]	2.62[1]	3.07[1]	2.32[1]	2.62[1]	3.07[1]	2.32[1]	2.62[1]	3.07[1]
		800RH300-54	3.08[1]	3.47[1]	4.08[1]	3.08[1]	3.47[1]	4.08[1]	3.08[1]	3.47[1]	4.08[1]
		800RH300-68	3.35[2]	3.71[1]	4.41[1]	3.35[2]	3.71[1]	4.41[1]	3.35[2]	3.71[1]	4.41[1]
		800RH300-97	3.64[2]	4.03[2]	4.79[2]	3.64[2]	4.03[2]	4.79[2]	3.64[2]	4.03[2]	4.79[2]
		800RH350-54	3.26[2]	3.65[2]	4.24[1]	3.26[2]	3.65[2]	4.24[1]	3.26[2]	3.65[2]	4.24[1]
		800RH350-68	3.67[2]	4.06[2]	4.83[2]	3.67[2]	4.06[2]	4.83[2]	3.67[2]	4.06[2]	4.83[2]
		800RH350-97	3.99[2]	4.42[2]	5.26[2]	3.99[2]	4.42[2]	5.26[2]	3.99[2]	4.42[2]	5.26[2]

SPAN NOTES:

1 Use 33 mil HDSC™ Clip with a 4/4 screw pattern.
2 Use 68 mil HDSC™ Clip with a 4/4 screw pattern.
3 Use 97 mil HDSC™ Clip with a 4/4 screw pattern.

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 All headers require the attachment of the HDSC™ Clip at each end with headers installed leg up.
3 Recommended HDSC™ clip attachments above are based on jamb stud thicknesses being equal to or greater than header thicknesses.
4 Header framing is calculated with a sill height of 0m for worst case design.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136.
6 For deflection calculations, the effective moment of inertia is based on an assumed stress of $0.6*F_y$.
7 For ***exterior*** framing, lateral deflection calculations are based on I_w = 0.75.
8 Dead load deflection calculations are limited to L/240 or 12.7mm max. deflection.
9 Header lengths should be ordered ***12.7 mm*** shorter to fit inside clips.

(METRIC)

HEADER SPANS FOR **EXTERIOR** OPENINGS (m)

(Specified Wind Load = 1 kPa; Wall Dead Load = 0.6 kPa; Sill Height = 0 m; I_w = 0.75)

WALL HEIGHT (m)	HEADER SIZE (mm)	MEMBER DESIGNATION	L/240			L/360			L/600		
			OPENING HEIGHT (m)								
			2	2.5	3	2	2.5	3	2	2.5	3
4.00	92.1	362RH300-33	1.41 [2]	1.49 [2]	1.58 [2]	1.41 [2]	1.49 [2]	1.58 [2]	1.41 [2]	1.49 [2]	1.58 [2]
		362RH300-43	1.62 [2]	1.71 [2]	1.81 [2]	1.62 [2]	1.71 [2]	1.81 [2]	1.62 [2]	1.71 [2]	1.81 [2]
		362RH300-54	2.29 [2]	2.43 [2]	2.60 [2]	2.29 [2]	2.43 [2]	2.60 [2]	2.29 [2]	2.43 [2]	2.60 [2]
		362RH300-68	2.57 [2]	2.71 [2]	2.89 [2]	2.57 [2]	2.71 [2]	2.89 [2]	2.57 [2]	2.71 [2]	2.83 [2]
		362RH300-97	3.15 [2]	3.38 [2]	3.68 [2]	3.15 [2]	3.38 [2]	3.68 [2]	3.14 [2]	3.14 [2]	3.14 [2]
		362RH350-54	2.40 [2]	2.54 [2]	2.71 [2]	2.40 [2]	2.54 [2]	2.71 [2]	2.40 [2]	2.54 [2]	2.68 [2]
		362RH350-68	2.78 [2]	2.94 [2]	3.13 [2]	2.78 [2]	2.94 [2]	3.13 [2]	2.78 [2]	2.94 [2]	2.94 [2]
		362RH350-97	3.41 [2]	3.61 [2]	3.84 [2]	3.41 [2]	3.61 [2]	3.84 [2]	3.27 [2]	3.27 [2]	3.27 [2]
	102	400RH300-33	1.46 [2]	1.55 [2]	1.66 [2]	1.46 [2]	1.55 [2]	1.66 [2]	1.46 [2]	1.55 [2]	1.66 [2]
		400RH300-43	1.74 [2]	1.86 [2]	1.99 [2]	1.74 [2]	1.86 [2]	1.99 [2]	1.74 [2]	1.86 [2]	1.99 [2]
		400RH300-54	2.37 [2]	2.53 [2]	2.72 [2]	2.37 [2]	2.53 [2]	2.72 [2]	2.37 [2]	2.53 [2]	2.72 [2]
		400RH300-68	2.74 [2]	2.93 [2]	3.15 [2]	2.74 [2]	2.93 [2]	3.15 [2]	2.74 [2]	2.93 [2]	3.05 [2]
		400RH300-97	3.18 [2]	3.41 [2]	3.78 [2]	3.18 [2]	3.41 [2]	3.78 [2]	3.18 [2]	3.39 [2]	3.39 [2]
		400RH350-54	2.49 [2]	2.65 [2]	2.83 [2]	2.49 [2]	2.65 [2]	2.83 [2]	2.49 [2]	2.65 [2]	2.83 [2]
		400RH350-68	2.88 [2]	3.06 [2]	3.28 [2]	2.88 [2]	3.06 [2]	3.28 [2]	2.88 [2]	3.06 [2]	3.16 [2]
		400RH350-97	3.48 [2]	3.74 [2]	4.01 [2]	3.48 [2]	3.74 [2]	4.01 [2]	3.48 [2]	3.53 [2]	3.53 [2]
	152	600RH300-33	1.62 [1]	1.75 [1]	1.92 [1]	1.62 [1]	1.75 [1]	1.92 [1]	1.62 [1]	1.75 [1]	1.92 [1]
		600RH300-43	1.97 [1]	2.13 [1]	2.35 [1]	1.97 [1]	2.13 [1]	2.35 [1]	1.97 [1]	2.13 [1]	2.35 [1]
		600RH300-54	2.61 [2]	2.83 [2]	3.12 [2]	2.61 [2]	2.83 [2]	3.12 [2]	2.61 [2]	2.83 [2]	3.12 [2]
		600RH300-68	3.03 [2]	3.27 [2]	3.62 [2]	3.03 [2]	3.27 [2]	3.62 [2]	3.03 [2]	3.27 [2]	3.63 [2]
		600RH300-97	3.30 [2]	3.55 [2]	3.93 [2]	3.30 [2]	3.55 [2]	3.93 [2]	3.30 [2]	3.55 [2]	4.16 [2]
		600RH350-54	2.76 [2]	2.98 [2]	3.26 [2]	2.76 [2]	2.98 [2]	3.26 [2]	2.76 [2]	2.98 [2]	3.26 [2]
		600RH350-68	3.21 [2]	3.47 [2]	3.80 [2]	3.21 [2]	3.47 [2]	3.80 [2]	3.21 [2]	3.47 [2]	3.80 [2]
		600RH350-97	3.62 [2]	3.89 [2]	4.31 [2]	3.62 [2]	3.89 [2]	4.31 [2]	3.62 [2]	3.89 [2]	4.56 [2]
	203	800RH300-43	2.06 [1]	2.26 [1]	2.54 [1]	2.06 [1]	2.26 [1]	2.54 [1]	2.06 [1]	2.26 [1]	2.54 [1]
		800RH300-54	2.74 [2]	3.00 [2]	3.37 [2]	2.74 [2]	3.00 [2]	3.37 [2]	2.74 [2]	3.00 [2]	3.37 [2]
		800RH300-68	3.12 [2]	3.35 [2]	3.71 [2]	3.12 [2]	3.35 [2]	3.71 [2]	3.12 [2]	3.35 [2]	3.92 [2]
		800RH300-97	3.39 [2]	3.64 [2]	4.03 [2]	3.39 [2]	3.64 [2]	4.03 [2]	3.39 [2]	3.64 [2]	4.26 [2]
		800RH350-54	2.90 [2]	3.17 [2]	3.53 [2]	2.90 [2]	3.17 [2]	3.53 [2]	2.90 [2]	3.17 [2]	3.53 [2]
		800RH350-68	3.38 [2]	3.67 [2]	4.06 [2]	3.38 [2]	3.67 [2]	4.06 [2]	3.38 [2]	3.67 [2]	4.13 [2]
		800RH350-97	3.72 [2]	3.99 [2]	4.42 [2]	3.72 [2]	3.99 [2]	4.42 [2]	3.72 [2]	3.99 [2]	4.68 [2]
4.50	92.1	362RH300-33	1.30 [2]	1.36 [2]	1.43 [2]	1.30 [2]	1.36 [2]	1.43 [2]	1.30 [2]	1.36 [2]	1.43 [2]
		362RH300-43	1.49 [2]	1.56 [2]	1.64 [2]	1.49 [2]	1.56 [2]	1.64 [2]	1.49 [2]	1.56 [2]	1.64 [2]
		362RH300-54	2.11 [2]	2.22 [2]	2.34 [2]	2.11 [2]	2.22 [2]	2.34 [2]	2.11 [2]	2.22 [2]	2.34 [2]
		362RH300-68	2.36 [2]	2.48 [2]	2.61 [2]	2.36 [2]	2.48 [2]	2.61 [2]	2.36 [2]	2.48 [2]	2.61 [2]
		362RH300-97	2.95 [2]	3.13 [2]	3.31 [2]	2.95 [2]	3.13 [2]	3.31 [2]	2.95 [2]	3.02 [2]	3.02 [2]
		362RH350-54	2.22 [2]	2.32 [2]	2.45 [2]	2.22 [2]	2.32 [2]	2.45 [2]	2.22 [2]	2.32 [2]	2.45 [2]
		362RH350-68	2.56 [2]	2.69 [2]	2.83 [2]	2.56 [2]	2.69 [2]	2.83 [2]	2.56 [2]	2.69 [2]	2.82 [2]
		362RH350-97	3.14 [2]	3.29 [2]	3.47 [2]	3.14 [2]	3.29 [2]	3.47 [2]	3.14 [2]	3.15 [2]	3.15 [2]
	102	400RH300-33	1.34 [2]	1.41 [2]	1.49 [2]	1.34 [2]	1.41 [2]	1.49 [2]	1.34 [2]	1.41 [2]	1.49 [2]
		400RH300-43	1.60 [2]	1.69 [2]	1.79 [2]	1.60 [2]	1.69 [2]	1.79 [2]	1.60 [2]	1.69 [2]	1.79 [2]
		400RH300-54	2.18 [2]	2.30 [2]	2.44 [2]	2.18 [2]	2.30 [2]	2.44 [2]	2.18 [2]	2.30 [2]	2.44 [2]
		400RH300-68	2.52 [2]	2.66 [2]	2.83 [2]	2.52 [2]	2.66 [2]	2.83 [2]	2.52 [2]	2.66 [2]	2.83 [2]
		400RH300-97	2.99 [2]	3.18 [2]	3.41 [2]	2.99 [2]	3.18 [2]	3.41 [2]	2.99 [2]	3.18 [2]	3.26 [2]
		400RH350-54	2.29 [2]	2.41 [2]	2.55 [2]	2.29 [2]	2.41 [2]	2.55 [2]	2.29 [2]	2.41 [2]	2.55 [2]
		400RH350-68	2.65 [2]	2.79 [2]	2.95 [2]	2.65 [2]	2.79 [2]	2.95 [2]	2.65 [2]	2.79 [2]	2.95 [2]
		400RH350-97	3.25 [2]	3.42 [2]	3.61 [2]	3.25 [2]	3.42 [2]	3.61 [2]	3.25 [2]	3.39 [2]	3.39 [2]
	152	600RH300-33	1.48 [1]	1.58 [1]	1.70 [1]	1.48 [1]	1.58 [1]	1.70 [1]	1.48 [1]	1.58 [1]	1.70 [1]
		600RH300-43	1.80 [2]	1.92 [2]	2.07 [2]	1.80 [2]	1.92 [2]	2.07 [2]	1.80 [2]	1.92 [2]	2.07 [2]
		600RH300-54	2.39 [2]	2.55 [2]	2.75 [2]	2.39 [2]	2.55 [2]	2.75 [2]	2.39 [2]	2.55 [2]	2.75 [2]
		600RH300-68	2.77 [2]	2.96 [2]	3.20 [2]	2.77 [2]	2.96 [2]	3.20 [2]	2.77 [2]	2.96 [2]	3.20 [2]
		600RH300-97	3.12 [2]	3.30 [2]	3.55 [2]	3.12 [2]	3.30 [2]	3.55 [2]	3.12 [2]	3.30 [2]	3.55 [2]
		600RH350-54	2.52 [2]	2.69 [2]	2.89 [2]	2.52 [2]	2.69 [2]	2.89 [2]	2.52 [2]	2.69 [2]	2.89 [2]
		600RH350-68	2.93 [2]	3.13 [2]	3.36 [2]	2.93 [2]	3.13 [2]	3.36 [2]	2.93 [2]	3.13 [2]	3.36 [2]
		600RH350-97	3.43 [2]	3.62 [2]	3.89 [2]	3.43 [2]	3.62 [2]	3.89 [2]	3.43 [2]	3.62 [2]	3.89 [2]
	203	800RH300-43	1.87 [2]	2.02 [2]	2.21 [2]	1.87 [2]	2.02 [2]	2.21 [2]	1.87 [2]	2.02 [2]	2.21 [2]
		800RH300-54	2.49 [2]	2.68 [2]	2.93 [2]	2.49 [2]	2.68 [2]	2.93 [2]	2.49 [2]	2.68 [2]	2.93 [2]
		800RH300-68	2.89 [2]	3.12 [2]	3.35 [2]	2.89 [2]	3.12 [2]	3.35 [2]	2.89 [2]	3.12 [2]	3.35 [2]
		800RH300-97	3.20 [2]	3.39 [2]	3.64 [2]	3.20 [2]	3.39 [2]	3.64 [2]	3.20 [2]	3.39 [2]	3.64 [2]
		800RH350-54	2.64 [2]	2.84 [2]	3.09 [2]	2.64 [2]	2.84 [2]	3.09 [2]	2.64 [2]	2.84 [2]	3.09 [2]
		800RH350-68	3.08 [2]	3.31 [2]	3.61 [2]	3.08 [2]	3.31 [2]	3.61 [2]	3.08 [2]	3.31 [2]	3.61 [2]
		800RH350-97	3.51 [2]	3.72 [2]	3.99 [2]	3.51 [2]	3.72 [2]	3.99 [2]	3.51 [2]	3.72 [2]	3.99 [2]

SPAN NOTES:

1 Use 33 mil HDSC™ Clip with a 4/4 screw pattern.
2 Use 68 mil HDSC™ Clip with a 4/4 screw pattern.
3 Use 97 mil HDSC™ Clip with a 4/4 screw pattern.

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 All headers require the attachment of the HDSC™ Clip at each end with headers installed leg up.
3 Recommended HDSC™ clip attachments above are based on jamb stud thicknesses being equal to or greater than header thicknesses.
4 Header framing is calculated with a sill height of 0m for worst case design.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136.
6 For deflection calculations, the effective moment of inertia is based on an assumed stress of $0.6*F_y$.
7 For ***exterior*** framing, lateral deflection calculations are based on I_w = 0.75.
8 Dead load deflection calculations are limited to L/240 or 12.7mm max. deflection.
9 Header lengths should be ordered ***12.7 mm*** shorter to fit inside clips.

BAILEY®
METAL PRODUCTS LIMITED

(METRIC)

HEADER SPANS FOR **EXTERIOR** OPENINGS (m)

(Specified Wind Load = 1.25 kPa; Wall Dead Load = 0.6 kPa; Sill Height = 0 m; I_w = 0.75)

WALL HEIGHT (m)	HEADER SIZE (mm)	MEMBER DESIGNATION	L/240			L/360			L/600		
			OPENING HEIGHT (m)								
			2	2.5	3	2	2.5	3	2	2.5	3
3.00	92.1	362RH300-33	1.65[1]	1.73[2]	-	1.65[1]	1.73[2]	-	1.65[1]	1.73[2]	-
		362RH300-43	1.89[2]	1.97[2]	-	1.89[2]	1.97[2]	-	1.89[2]	1.97[2]	-
		362RH300-54	2.72[2]	2.86[2]	-	2.72[2]	2.86[2]	-	2.66[2]	2.66[2]	-
		362RH300-68	3.02[2]	3.16[2]	-	3.02[2]	3.16[2]	-	2.89[2]	2.89[2]	-
		362RH300-97	3.74[2]	4.05[2]	-	3.74[2]	3.81[2]	-	3.21[2]	3.21[2]	-
		362RH350-54	2.83[2]	2.97[2]	-	2.83[2]	2.97[2]	-	2.74[2]	2.74[2]	-
		362RH350-68	3.27[2]	3.43[2]	-	3.27[2]	3.43[2]	-	3.00[2]	3.00[2]	-
		362RH350-97	4.01[2]	4.19[2]	-	3.97[2]	3.97[2]	-	3.35[2]	3.35[2]	-
	102	400RH300-33	1.73[1]	1.82[1]	-	1.73[1]	1.82[1]	-	1.73[1]	1.82[1]	-
		400RH300-43	2.08[2]	2.19[2]	-	2.08[2]	2.19[2]	-	2.08[2]	2.19[2]	-
		400RH300-54	2.84[2]	3.01[2]	-	2.84[2]	3.01[2]	-	2.84[2]	2.87[2]	-
		400RH300-68	3.30[2]	3.49[2]	-	3.30[2]	3.49[2]	-	3.12[2]	3.12[2]	-
		400RH300-97	3.78[2]	4.27[2]	-	3.78[2]	4.11[2]	-	3.47[2]	3.47[2]	-
		400RH350-54	2.96[2]	3.12[2]	-	2.96[2]	3.12[2]	-	2.95[2]	2.95[2]	-
		400RH350-68	3.42[2]	3.61[2]	-	3.42[2]	3.61[2]	-	3.23[2]	3.23[2]	-
		400RH350-97	4.14[2]	4.41[2]	-	4.14[2]	4.28[2]	-	3.61[2]	3.61[2]	-
	152	600RH300-33	2.02[1]	2.17[1]	-	2.02[1]	2.17[1]	-	2.02[1]	2.17[1]	-
		600RH300-43	2.47[1]	2.67[1]	-	2.47[1]	2.67[1]	-	2.47[1]	2.67[1]	-
		600RH300-54	3.28[1]	3.55[1]	-	3.28[1]	3.55[1]	-	3.28[1]	3.55[1]	-
		600RH300-68	3.62[1]	4.12[1]	-	3.62[1]	4.12[1]	-	3.62[1]	4.12[1]	-
		600RH300-97	3.93[1]	4.67[2]	-	3.93[1]	4.67[2]	-	3.93[1]	4.67[2]	-
		600RH350-54	3.42[1]	3.68[1]	-	3.42[1]	3.68[1]	-	3.42[1]	3.68[1]	-
		600RH350-68	3.96[1]	4.29[2]	-	3.96[1]	4.29[2]	-	3.96[1]	4.29[2]	-
		600RH350-97	4.31[2]	5.12[2]	-	4.31[2]	5.12[2]	-	4.31[2]	4.91[2]	-
	203	800RH300-43	2.67[1]	2.94[1]	-	2.67[1]	2.94[1]	-	2.67[1]	2.94[1]	-
		800RH300-54	3.47[1]	3.91[1]	-	3.47[1]	3.91[1]	-	3.47[1]	3.91[1]	-
		800RH300-68	3.71[1]	4.41[1]	-	3.71[1]	4.41[1]	-	3.71[1]	4.41[1]	-
		800RH300-97	4.03[1]	4.79[1]	-	4.03[1]	4.79[1]	-	4.03[1]	4.79[1]	-
		800RH350-54	3.72[1]	4.07[1]	-	3.72[1]	4.07[1]	-	3.72[1]	4.07[1]	-
		800RH350-68	4.06[1]	4.75[1]	-	4.06[1]	4.75[1]	-	4.06[1]	4.75[1]	-
		800RH350-97	4.42[1]	5.26[1]	-	4.42[1]	5.26[1]	-	4.42[1]	5.26[1]	-
3.50	92.1	362RH300-33	1.47[1]	1.52[2]	1.64[2]	1.47[1]	1.52[2]	1.64[2]	1.47[1]	1.52[2]	1.64[2]
		362RH300-43	1.68[2]	1.74[2]	1.87[2]	1.68[2]	1.74[2]	1.87[2]	1.68[2]	1.74[2]	1.87[2]
		362RH300-54	2.40[2]	2.50[2]	2.71[2]	2.40[2]	2.50[2]	2.71[2]	2.40[2]	2.50[2]	2.53[2]
		362RH300-68	2.68[2]	2.78[2]	2.99[2]	2.68[2]	2.78[2]	2.99[2]	2.68[2]	2.75[2]	2.75[2]
		362RH300-97	3.38[2]	3.54[2]	3.85[2]	3.38[2]	3.54[2]	3.62[2]	3.05[2]	3.05[2]	3.05[2]
		362RH350-54	2.51[2]	2.60[2]	2.81[2]	2.51[2]	2.60[2]	2.81[2]	2.51[2]	2.60[2]	2.61[2]
		362RH350-68	2.90[2]	3.01[2]	3.24[2]	2.90[2]	3.01[2]	3.24[2]	2.85[2]	2.85[2]	2.85[2]
		362RH350-97	3.56[2]	3.69[2]	3.97[2]	3.56[2]	3.69[2]	3.77[2]	3.18[2]	3.18[2]	3.18[2]
	102	400RH300-33	1.53[1]	1.59[1]	1.73[2]	1.53[1]	1.59[1]	1.73[2]	1.53[1]	1.59[1]	1.73[2]
		400RH300-43	1.84[2]	1.91[2]	2.08[2]	1.84[2]	1.91[2]	2.08[2]	1.84[2]	1.91[2]	2.08[2]
		400RH300-54	2.50[2]	2.61[2]	2.86[2]	2.50[2]	2.61[2]	2.86[2]	2.50[2]	2.61[2]	2.73[2]
		400RH300-68	2.90[2]	3.03[2]	3.32[2]	2.90[2]	3.03[2]	3.32[2]	2.90[2]	2.96[2]	2.96[2]
		400RH300-97	3.41[2]	3.71[2]	4.06[2]	3.41[2]	3.71[2]	3.90[2]	3.29[2]	3.29[2]	3.29[2]
		400RH350-54	2.62[2]	2.72[2]	2.96[2]	2.62[2]	2.72[2]	2.96[2]	2.62[2]	2.72[2]	2.81[2]
		400RH350-68	3.03[2]	3.15[2]	3.42[2]	3.03[2]	3.15[2]	3.42[2]	3.03[2]	3.07[2]	3.07[2]
		400RH350-97	3.71[2]	3.85[2]	4.18[2]	3.71[2]	3.85[2]	4.06[2]	3.43[2]	3.43[2]	3.43[2]
	152	600RH300-33	1.75[1]	1.85[1]	2.09[1]	1.75[1]	1.85[1]	2.09[1]	1.75[1]	1.85[1]	2.09[1]
		600RH300-43	2.14[1]	2.26[1]	2.57[1]	2.14[1]	2.26[1]	2.57[1]	2.14[1]	2.26[1]	2.57[1]
		600RH300-54	2.84[2]	3.01[1]	3.41[1]	2.84[2]	3.01[1]	3.41[1]	2.84[2]	3.01[1]	3.41[1]
		600RH300-68	3.27[2]	3.49[2]	3.97[2]	3.27[2]	3.49[2]	3.97[2]	3.27[2]	3.49[2]	3.97[2]
		600RH300-97	3.55[2]	3.93[2]	4.67[2]	3.55[2]	3.93[2]	4.67[2]	3.55[2]	3.93[2]	4.50[2]
		600RH350-54	2.98[2]	3.14[2]	3.53[2]	2.98[2]	3.14[2]	3.53[2]	2.98[2]	3.14[2]	3.53[2]
		600RH350-68	3.46[2]	3.66[2]	4.11[2]	3.46[2]	3.66[2]	4.11[2]	3.46[2]	3.66[2]	4.11[2]
		600RH350-97	3.89[2]	4.31[2]	5.12[2]	3.89[2]	4.31[2]	5.12[2]	3.89[2]	4.31[2]	4.66[2]
	203	800RH300-43	2.28[1]	2.44[1]	2.86[1]	2.28[1]	2.44[1]	2.86[1]	2.28[1]	2.44[1]	2.86[1]
		800RH300-54	3.03[1]	3.25[1]	3.80[1]	3.03[1]	3.25[1]	3.80[1]	3.03[1]	3.25[1]	3.80[1]
		800RH300-68	3.35[2]	3.71[1]	4.41[1]	3.35[2]	3.71[1]	4.41[1]	3.35[2]	3.71[1]	4.41[1]
		800RH300-97	3.64[2]	4.03[2]	4.79[2]	3.64[2]	4.03[2]	4.79[2]	3.64[2]	4.03[2]	4.79[2]
		800RH350-54	3.19[2]	3.40[2]	3.94[1]	3.19[2]	3.40[2]	3.94[1]	3.19[2]	3.40[2]	3.94[1]
		800RH350-68	3.67[2]	3.97[2]	4.60[2]	3.67[2]	3.97[2]	4.60[2]	3.67[2]	3.97[2]	4.60[2]
		800RH350-97	3.99[2]	4.42[2]	5.26[2]	3.99[2]	4.42[2]	5.26[2]	3.99[2]	4.42[2]	5.26[2]

SPAN NOTES:

1 Use 33 mil HDSC™ Clip with a 4/4 screw pattern.
2 Use 68 mil HDSC™ Clip with a 4/4 screw pattern.
3 Use 97 mil HDSC™ Clip with a 4/4 screw pattern.

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 All headers require the attachment of the HDSC™ Clip at each end with headers installed leg up.
3 Recommended HDSC™ clip attachments above are based on jamb stud thicknesses being equal to or greater than header thicknesses.
4 Header framing is calculated with a sill height of 0m for worst case design.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136.
6 For deflection calculations, the effective moment of inertia is based on an assumed stress of $0.6*F_y$.
7 For ***exterior*** framing, lateral deflection calculations are based on I_w = 0.75.
8 Dead load deflection calculations are limited to L/240 or 12.7mm max. deflection.
9 Header lengths should be ordered ***12.7 mm*** shorter to fit inside clips.

(METRIC)

HEADER SPANS FOR **EXTERIOR** OPENINGS (m)

(Specified Wind Load = 1.25 kPa; Wall Dead Load = 0.6 kPa; Sill Height = 0 m; I_w = 0.75)

WALL HEIGHT (m)	HEADER SIZE (mm)	MEMBER DESIGNATION	L/240			L/360			L/600		
			OPENING HEIGHT (m)								
			2	2.5	3	2	2.5	3	2	2.5	3
4.00	92.1	362RH300-33	1.33 [2]	1.37 [2]	1.42 [2]	1.33 [2]	1.37 [2]	1.42 [2]	1.33 [2]	1.37 [2]	1.42 [2]
		362RH300-43	1.53 [2]	1.57 [2]	1.62 [2]	1.53 [2]	1.57 [2]	1.62 [2]	1.53 [2]	1.57 [2]	1.62 [2]
		362RH300-54	2.18 [2]	2.25 [2]	2.33 [2]	2.18 [2]	2.25 [2]	2.33 [2]	2.18 [2]	2.25 [2]	2.33 [2]
		362RH300-68	2.43 [2]	2.50 [2]	2.58 [2]	2.43 [2]	2.50 [2]	2.58 [2]	2.43 [2]	2.50 [2]	2.58 [2]
		362RH300-97	3.08 [2]	3.18 [2]	3.29 [2]	3.08 [2]	3.18 [2]	3.29 [2]	2.92 [2]	2.92 [2]	2.92 [2]
		362RH350-54	2.28 [2]	2.35 [2]	2.42 [2]	2.28 [2]	2.35 [2]	2.42 [2]	2.28 [2]	2.35 [2]	2.42 [2]
		362RH350-68	2.63 [2]	2.71 [2]	2.80 [2]	2.63 [2]	2.71 [2]	2.80 [2]	2.63 [2]	2.71 [2]	2.73 [2]
		362RH350-97	3.23 [2]	3.33 [2]	3.43 [2]	3.23 [2]	3.33 [2]	3.43 [2]	3.04 [2]	3.04 [2]	3.04 [2]
	102	400RH300-33	1.39 [2]	1.43 [2]	1.48 [2]	1.39 [2]	1.43 [2]	1.48 [2]	1.39 [2]	1.43 [2]	1.48 [2]
		400RH300-43	1.66 [2]	1.72 [2]	1.78 [2]	1.66 [2]	1.72 [2]	1.78 [2]	1.66 [2]	1.72 [2]	1.78 [2]
		400RH300-54	2.26 [2]	2.34 [2]	2.43 [2]	2.26 [2]	2.34 [2]	2.43 [2]	2.26 [2]	2.34 [2]	2.43 [2]
		400RH300-68	2.62 [2]	2.72 [2]	2.82 [2]	2.62 [2]	2.72 [2]	2.82 [2]	2.62 [2]	2.72 [2]	2.82 [2]
		400RH300-97	3.20 [2]	3.32 [2]	3.45 [2]	3.20 [2]	3.32 [2]	3.45 [2]	3.15 [2]	3.15 [2]	3.15 [2]
		400RH350-54	2.37 [2]	2.45 [2]	2.53 [2]	2.37 [2]	2.45 [2]	2.53 [2]	2.37 [2]	2.45 [2]	2.53 [2]
		400RH350-68	2.74 [2]	2.83 [2]	2.93 [2]	2.74 [2]	2.83 [2]	2.93 [2]	2.74 [2]	2.83 [2]	2.93 [2]
		400RH350-97	3.36 [2]	3.47 [2]	3.59 [2]	3.36 [2]	3.47 [2]	3.59 [2]	3.28 [2]	3.28 [2]	3.28 [2]
	152	600RH300-33	1.57 [1]	1.64 [1]	1.72 [1]	1.57 [1]	1.64 [1]	1.72 [1]	1.57 [1]	1.64 [1]	1.72 [1]
		600RH300-43	1.91 [1]	2.00 [1]	2.10 [1]	1.91 [1]	2.00 [1]	2.10 [1]	1.91 [1]	2.00 [1]	2.10 [1]
		600RH300-54	2.54 [2]	2.66 [2]	2.79 [2]	2.54 [2]	2.66 [2]	2.79 [2]	2.54 [2]	2.66 [2]	2.79 [2]
		600RH300-68	2.95 [2]	3.08 [2]	3.24 [2]	2.95 [2]	3.08 [2]	3.24 [2]	2.95 [2]	3.08 [2]	3.24 [2]
		600RH300-97	3.36 [2]	3.51 [2]	3.71 [2]	3.36 [2]	3.51 [2]	3.71 [2]	3.36 [2]	3.51 [2]	3.96 [2]
		600RH350-54	2.67 [2]	2.78 [2]	2.92 [2]	2.67 [2]	2.78 [2]	2.92 [2]	2.67 [2]	2.78 [2]	2.92 [2]
		600RH350-68	3.11 [2]	3.24 [2]	3.40 [2]	3.11 [2]	3.24 [2]	3.40 [2]	3.11 [2]	3.24 [2]	3.40 [2]
		600RH350-97	3.69 [2]	3.85 [2]	4.07 [2]	3.69 [2]	3.85 [2]	4.07 [2]	3.69 [2]	3.85 [2]	4.24 [2]
	203	800RH300-43	2.03 [1]	2.14 [1]	2.27 [1]	2.03 [1]	2.14 [1]	2.27 [1]	2.03 [1]	2.14 [1]	2.27 [1]
		800RH300-54	2.69 [2]	2.84 [2]	3.01 [2]	2.69 [2]	2.84 [2]	3.01 [2]	2.69 [2]	2.84 [2]	3.01 [2]
		800RH300-68	3.13 [2]	3.30 [2]	3.50 [2]	3.13 [2]	3.30 [2]	3.50 [2]	3.13 [2]	3.30 [2]	3.50 [2]
		800RH300-97	3.45 [2]	3.60 [2]	3.81 [2]	3.45 [2]	3.60 [2]	3.81 [2]	3.45 [2]	3.60 [2]	4.10 [2]
		800RH350-54	2.84 [2]	2.99 [2]	3.16 [2]	2.84 [2]	2.99 [2]	3.16 [2]	2.84 [2]	2.99 [2]	3.16 [2]
		800RH350-68	3.32 [2]	3.49 [2]	3.69 [2]	3.32 [2]	3.49 [2]	3.69 [2]	3.32 [2]	3.49 [2]	3.69 [2]
		800RH350-97	3.78 [2]	3.95 [2]	4.17 [2]	3.78 [2]	3.95 [2]	4.17 [2]	3.78 [2]	3.95 [2]	4.64 [2]
4.50	92.1	362RH300-33	1.23 [2]	1.26 [2]	1.29 [2]	1.23 [2]	1.26 [2]	1.29 [2]	1.23 [2]	1.26 [2]	1.29 [2]
		362RH300-43	1.41 [2]	1.44 [2]	1.48 [2]	1.41 [2]	1.44 [2]	1.48 [2]	1.41 [2]	1.44 [2]	1.48 [2]
		362RH300-54	2.01 [2]	2.06 [2]	2.12 [2]	2.01 [2]	2.06 [2]	2.12 [2]	2.01 [2]	2.06 [2]	2.12 [2]
		362RH300-68	2.24 [2]	2.30 [2]	2.36 [2]	2.24 [2]	2.30 [2]	2.36 [2]	2.24 [2]	2.30 [2]	2.36 [2]
		362RH300-97	2.83 [2]	2.91 [2]	3.00 [2]	2.83 [2]	2.91 [2]	3.00 [2]	2.81 [2]	2.81 [2]	2.81 [2]
		362RH350-54	2.10 [2]	2.15 [2]	2.21 [2]	2.10 [2]	2.15 [2]	2.21 [2]	2.10 [2]	2.15 [2]	2.21 [2]
		362RH350-68	2.43 [2]	2.49 [2]	2.56 [2]	2.43 [2]	2.49 [2]	2.56 [2]	2.43 [2]	2.49 [2]	2.56 [2]
		362RH350-97	2.98 [2]	3.05 [2]	3.14 [2]	2.98 [2]	3.05 [2]	3.14 [2]	2.92 [2]	2.92 [2]	2.92 [2]
	102	400RH300-33	1.28 [2]	1.31 [2]	1.35 [2]	1.28 [2]	1.31 [2]	1.35 [2]	1.28 [2]	1.31 [2]	1.35 [2]
		400RH300-43	1.53 [2]	1.57 [2]	1.62 [2]	1.53 [2]	1.57 [2]	1.62 [2]	1.53 [2]	1.57 [2]	1.62 [2]
		400RH300-54	2.08 [2]	2.14 [2]	2.21 [2]	2.08 [2]	2.14 [2]	2.21 [2]	2.08 [2]	2.14 [2]	2.21 [2]
		400RH300-68	2.41 [2]	2.48 [2]	2.56 [2]	2.41 [2]	2.48 [2]	2.56 [2]	2.41 [2]	2.48 [2]	2.56 [2]
		400RH300-97	2.94 [2]	3.03 [2]	3.13 [2]	2.94 [2]	3.03 [2]	3.13 [2]	2.94 [2]	3.03 [2]	3.03 [2]
		400RH350-54	2.18 [2]	2.24 [2]	2.31 [2]	2.18 [2]	2.24 [2]	2.31 [2]	2.18 [2]	2.24 [2]	2.31 [2]
		400RH350-68	2.52 [2]	2.59 [2]	2.67 [2]	2.52 [2]	2.59 [2]	2.67 [2]	2.52 [2]	2.59 [2]	2.67 [2]
		400RH350-97	3.09 [2]	3.18 [2]	3.27 [2]	3.09 [2]	3.18 [2]	3.27 [2]	3.09 [2]	3.15 [2]	3.15 [2]
	152	600RH300-33	1.44 [1]	1.49 [1]	1.55 [1]	1.44 [1]	1.49 [1]	1.55 [1]	1.44 [1]	1.49 [1]	1.55 [1]
		600RH300-43	1.74 [2]	1.81 [2]	1.89 [2]	1.74 [2]	1.81 [2]	1.89 [2]	1.74 [2]	1.81 [2]	1.89 [2]
		600RH300-54	2.32 [2]	2.41 [2]	2.50 [2]	2.32 [2]	2.41 [2]	2.50 [2]	2.32 [2]	2.41 [2]	2.50 [2]
		600RH300-68	2.69 [2]	2.79 [2]	2.91 [2]	2.69 [2]	2.79 [2]	2.91 [2]	2.69 [2]	2.79 [2]	2.91 [2]
		600RH300-97	3.17 [2]	3.28 [2]	3.41 [2]	3.17 [2]	3.28 [2]	3.41 [2]	3.17 [2]	3.28 [2]	3.41 [2]
		600RH350-54	2.44 [2]	2.53 [2]	2.62 [2]	2.44 [2]	2.53 [2]	2.62 [2]	2.44 [2]	2.53 [2]	2.62 [2]
		600RH350-68	2.84 [2]	2.94 [2]	3.06 [2]	2.84 [2]	2.94 [2]	3.06 [2]	2.84 [2]	2.94 [2]	3.06 [2]
		600RH350-97	3.47 [2]	3.59 [2]	3.74 [2]	3.47 [2]	3.59 [2]	3.74 [2]	3.47 [2]	3.59 [2]	3.74 [2]
	203	800RH300-43	1.84 [2]	1.92 [2]	2.01 [2]	1.84 [2]	1.92 [2]	2.01 [2]	1.84 [2]	1.92 [2]	2.01 [2]
		800RH300-54	2.44 [2]	2.55 [2]	2.67 [2]	2.44 [2]	2.55 [2]	2.67 [2]	2.44 [2]	2.55 [2]	2.67 [2]
		800RH300-68	2.84 [2]	2.97 [2]	3.11 [2]	2.84 [2]	2.97 [2]	3.11 [2]	2.84 [2]	2.97 [2]	3.11 [2]
		800RH300-97	3.25 [2]	3.36 [2]	3.50 [2]	3.25 [2]	3.36 [2]	3.50 [2]	3.25 [2]	3.36 [2]	3.50 [2]
		800RH350-54	2.58 [2]	2.69 [2]	2.82 [2]	2.58 [2]	2.69 [2]	2.82 [2]	2.58 [2]	2.69 [2]	2.82 [2]
		800RH350-68	3.02 [2]	3.14 [2]	3.29 [2]	3.02 [2]	3.14 [2]	3.29 [2]	3.02 [2]	3.14 [2]	3.29 [2]
		800RH350-97	3.56 [2]	3.69 [2]	3.84 [2]	3.56 [2]	3.69 [2]	3.84 [2]	3.56 [2]	3.69 [2]	3.84 [2]

SPAN NOTES:

1 Use 33 mil HDSC™ Clip with a 4/4 screw pattern.
2 Use 68 mil HDSC™ Clip with a 4/4 screw pattern.
3 Use 97 mil HDSC™ Clip with a 4/4 screw pattern.

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 All headers require the attachment of the HDSC™ Clip at each end with headers installed leg up.
3 Recommended HDSC™ clip attachments above are based on jamb stud thicknesses being equal to or greater than header thicknesses.
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6 For deflection calculations, the effective moment of inertia is based on an assumed stress of $0.6*F_y$.
7 For ***exterior*** framing, lateral deflection calculations are based on I_w = 0.75.
8 Dead load deflection calculations are limited to L/240 or 12.7mm max. deflection.
9 Header lengths should be ordered ***12.7 mm*** shorter to fit inside clips.

BAILEY®
METAL PRODUCTS LIMITED

(METRIC)

HEADER SPANS FOR **EXTERIOR** OPENINGS (m)

(Specified Wind Load = 1.5 kPa; Wall Dead Load = 0.6 kPa; Sill Height = 0 m; I_w = 0.75)

WALL HEIGHT (m)	HEADER SIZE (mm)	MEMBER DESIGNATION	L/240			L/360			L/600		
			OPENING HEIGHT (m)								
			2	2.5	3	2	2.5	3	2	2.5	3
3.00	92.1	362RH300-33	1.54 [1]	1.61 [2]	-	1.54 [1]	1.61 [2]	-	1.54 [1]	1.61 [2]	-
		362RH300-43	1.76 [2]	1.83 [2]	-	1.76 [2]	1.83 [2]	-	1.76 [2]	1.83 [2]	-
		362RH300-54	2.54 [2]	2.66 [2]	-	2.54 [2]	2.66 [2]	-	2.51 [2]	2.51 [2]	-
		362RH300-68	2.82 [2]	2.93 [2]	-	2.82 [2]	2.93 [2]	-	2.72 [2]	2.72 [2]	-
		362RH300-97	3.60 [2]	3.77 [2]	-	3.59 [2]	3.59 [2]	-	3.02 [2]	3.02 [2]	-
		362RH350-54	2.64 [2]	2.75 [2]	-	2.64 [2]	2.75 [2]	-	2.58 [2]	2.58 [2]	-
		362RH350-68	3.05 [2]	3.18 [2]	-	3.05 [2]	3.18 [2]	-	2.83 [2]	2.83 [2]	-
		362RH350-97	3.74 [2]	3.89 [2]	-	3.74 [2]	3.74 [2]	-	3.15 [2]	3.15 [2]	-
	102	400RH300-33	1.62 [1]	1.69 [1]	-	1.62 [1]	1.69 [1]	-	1.62 [1]	1.69 [1]	-
		400RH300-43	1.95 [2]	2.04 [2]	-	1.95 [2]	2.04 [2]	-	1.95 [2]	2.04 [2]	-
		400RH300-54	2.67 [2]	2.80 [2]	-	2.67 [2]	2.80 [2]	-	2.67 [2]	2.70 [2]	-
		400RH300-68	3.09 [2]	3.25 [2]	-	3.09 [2]	3.25 [2]	-	2.94 [2]	2.94 [2]	-
		400RH300-97	3.78 [2]	3.97 [2]	-	3.78 [2]	3.87 [2]	-	3.26 [2]	3.26 [2]	-
		400RH350-54	2.77 [2]	2.90 [2]	-	2.77 [2]	2.90 [2]	-	2.77 [2]	2.78 [2]	-
		400RH350-68	3.20 [2]	3.35 [2]	-	3.20 [2]	3.35 [2]	-	3.04 [2]	3.04 [2]	-
		400RH350-97	3.92 [2]	4.09 [2]	-	3.92 [2]	4.02 [2]	-	3.39 [2]	3.39 [2]	-
	152	600RH300-33	1.91 [1]	2.04 [1]	-	1.91 [1]	2.04 [1]	-	1.91 [1]	2.04 [1]	-
		600RH300-43	2.34 [1]	2.50 [1]	-	2.34 [1]	2.50 [1]	-	2.34 [1]	2.50 [1]	-
		600RH300-54	3.10 [1]	3.33 [1]	-	3.10 [1]	3.33 [1]	-	3.10 [1]	3.33 [1]	-
		600RH300-68	3.61 [1]	3.87 [1]	-	3.61 [1]	3.87 [1]	-	3.61 [1]	3.87 [1]	-
		600RH300-97	3.93 [1]	4.67 [2]	-	3.93 [1]	4.67 [2]	-	3.93 [1]	4.46 [2]	-
		600RH350-54	3.23 [1]	3.44 [1]	-	3.23 [1]	3.44 [1]	-	3.23 [1]	3.44 [1]	-
		600RH350-68	3.76 [1]	4.01 [2]	-	3.76 [1]	4.01 [2]	-	3.76 [1]	4.01 [2]	-
		600RH350-97	4.31 [2]	5.02 [2]	-	4.31 [2]	5.02 [2]	-	4.31 [2]	4.62 [2]	-
	203	800RH300-43	2.55 [1]	2.78 [1]	-	2.55 [1]	2.78 [1]	-	2.55 [1]	2.78 [1]	-
		800RH300-54	3.38 [1]	3.69 [1]	-	3.38 [1]	3.69 [1]	-	3.38 [1]	3.69 [1]	-
		800RH300-68	3.71 [1]	4.30 [1]	-	3.71 [1]	4.30 [1]	-	3.71 [1]	4.30 [1]	-
		800RH300-97	4.03 [1]	4.79 [1]	-	4.03 [1]	4.79 [1]	-	4.03 [1]	4.79 [1]	-
		800RH350-54	3.54 [1]	3.83 [1]	-	3.54 [1]	3.83 [1]	-	3.54 [1]	3.83 [1]	-
		800RH350-68	4.06 [1]	4.47 [1]	-	4.06 [1]	4.47 [1]	-	4.06 [1]	4.47 [1]	-
		800RH350-97	4.42 [1]	5.26 [1]	-	4.42 [1]	5.26 [1]	-	4.42 [1]	5.26 [1]	-
3.50	92.1	362RH300-33	1.38 [1]	1.42 [2]	1.52 [2]	1.38 [1]	1.42 [2]	1.52 [2]	1.38 [1]	1.42 [2]	1.52 [2]
		362RH300-43	1.57 [2]	1.62 [2]	1.72 [2]	1.57 [2]	1.62 [2]	1.72 [2]	1.57 [2]	1.62 [2]	1.72 [2]
		362RH300-54	2.26 [2]	2.34 [2]	2.51 [2]	2.26 [2]	2.34 [2]	2.51 [2]	2.26 [2]	2.34 [2]	2.38 [2]
		362RH300-68	2.51 [2]	2.59 [2]	2.77 [2]	2.51 [2]	2.59 [2]	2.77 [2]	2.51 [2]	2.59 [2]	2.59 [2]
		362RH300-97	3.20 [2]	3.31 [2]	3.56 [2]	3.20 [2]	3.31 [2]	3.41 [2]	2.87 [2]	2.87 [2]	2.87 [2]
		362RH350-54	2.35 [2]	2.43 [2]	2.59 [2]	2.35 [2]	2.43 [2]	2.59 [2]	2.35 [2]	2.43 [2]	2.45 [2]
		362RH350-68	2.72 [2]	2.81 [2]	3.00 [2]	2.72 [2]	2.81 [2]	3.00 [2]	2.68 [2]	2.68 [2]	2.68 [2]
		362RH350-97	3.33 [2]	3.44 [2]	3.67 [2]	3.33 [2]	3.44 [2]	3.55 [2]	2.99 [2]	2.99 [2]	2.99 [2]
	102	400RH300-33	1.44 [1]	1.49 [1]	1.60 [2]	1.44 [1]	1.49 [1]	1.60 [2]	1.44 [1]	1.49 [1]	1.60 [2]
		400RH300-43	1.73 [2]	1.79 [2]	1.93 [2]	1.73 [2]	1.79 [2]	1.93 [2]	1.73 [2]	1.79 [2]	1.93 [2]
		400RH300-54	2.36 [2]	2.45 [2]	2.65 [2]	2.36 [2]	2.45 [2]	2.65 [2]	2.36 [2]	2.45 [2]	2.57 [2]
		400RH300-68	2.74 [2]	2.84 [2]	3.08 [2]	2.74 [2]	2.84 [2]	3.08 [2]	2.74 [2]	2.79 [2]	2.79 [2]
		400RH300-97	3.35 [2]	3.48 [2]	3.76 [2]	3.35 [2]	3.48 [2]	3.67 [2]	3.10 [2]	3.10 [2]	3.10 [2]
		400RH350-54	2.46 [2]	2.55 [2]	2.74 [2]	2.46 [2]	2.55 [2]	2.74 [2]	2.46 [2]	2.55 [2]	2.64 [2]
		400RH350-68	2.85 [2]	2.95 [2]	3.17 [2]	2.85 [2]	2.95 [2]	3.17 [2]	2.85 [2]	2.89 [2]	2.89 [2]
		400RH350-97	3.48 [2]	3.61 [2]	3.87 [2]	3.48 [2]	3.61 [2]	3.82 [2]	3.22 [2]	3.22 [2]	3.22 [2]
	152	600RH300-33	1.67 [1]	1.75 [1]	1.94 [1]	1.67 [1]	1.75 [1]	1.94 [1]	1.67 [1]	1.75 [1]	1.94 [1]
		600RH300-43	2.04 [1]	2.14 [1]	2.40 [1]	2.04 [1]	2.14 [1]	2.40 [1]	2.04 [1]	2.14 [1]	2.40 [1]
		600RH300-54	2.70 [2]	2.85 [1]	3.18 [1]	2.70 [2]	2.85 [1]	3.18 [1]	2.70 [2]	2.85 [1]	3.18 [1]
		600RH300-68	3.14 [2]	3.31 [2]	3.70 [2]	3.14 [2]	3.31 [2]	3.70 [2]	3.14 [2]	3.31 [2]	3.70 [2]
		600RH300-97	3.55 [2]	3.93 [2]	4.62 [2]	3.55 [2]	3.93 [2]	4.62 [2]	3.55 [2]	3.93 [2]	4.23 [2]
		600RH350-54	2.83 [2]	2.97 [2]	3.29 [2]	2.83 [2]	2.97 [2]	3.29 [2]	2.83 [2]	2.97 [2]	3.29 [2]
		600RH350-68	3.29 [2]	3.45 [2]	3.83 [2]	3.29 [2]	3.45 [2]	3.83 [2]	3.29 [2]	3.45 [2]	3.83 [2]
		600RH350-97	3.89 [2]	4.31 [2]	4.79 [2]	3.89 [2]	4.31 [2]	4.79 [2]	3.89 [2]	4.31 [2]	4.39 [2]
	203	800RH300-43	2.19 [1]	2.33 [1]	2.68 [1]	2.19 [1]	2.33 [1]	2.68 [1]	2.19 [1]	2.33 [1]	2.68 [1]
		800RH300-54	2.91 [1]	3.10 [1]	3.56 [1]	2.91 [1]	3.10 [1]	3.56 [1]	2.91 [1]	3.10 [1]	3.56 [1]
		800RH300-68	3.35 [2]	3.61 [1]	4.16 [1]	3.35 [2]	3.61 [1]	4.16 [1]	3.35 [2]	3.61 [1]	4.16 [1]
		800RH300-97	3.64 [2]	4.03 [2]	4.79 [2]	3.64 [2]	4.03 [2]	4.79 [2]	3.64 [2]	4.03 [2]	4.79 [2]
		800RH350-54	3.06 [2]	3.24 [2]	3.69 [1]	3.06 [2]	3.24 [2]	3.69 [1]	3.06 [2]	3.24 [2]	3.69 [1]
		800RH350-68	3.57 [2]	3.78 [2]	4.31 [2]	3.57 [2]	3.78 [2]	4.31 [2]	3.57 [2]	3.78 [2]	4.31 [2]
		800RH350-97	3.99 [2]	4.42 [2]	5.26 [2]	3.99 [2]	4.42 [2]	5.26 [2]	3.99 [2]	4.42 [2]	5.26 [2]

SPAN NOTES:

1 Use 33 mil HDSC™ Clip with a 4/4 screw pattern.
2 Use 68 mil HDSC™ Clip with a 4/4 screw pattern.
3 Use 97 mil HDSC™ Clip with a 4/4 screw pattern.

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 All headers require the attachment of the HDSC™ Clip at each end with headers installed leg up.
3 Recommended HDSC™ clip attachments above are based on jamb stud thicknesses being equal to or greater than header thicknesses.
4 Header framing is calculated with a sill height of 0m for worst case design.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136.
6 For deflection calculations, the effective moment of inertia is based on an assumed stress of 0.6*F_y.
7 For ***exterior*** framing, lateral deflection calculations are based on I_w = 0.75.
8 Dead load deflection calculations are limited to L/240 or 12.7mm max. deflection.
9 Header lengths should be ordered ***12.7 mm*** shorter to fit inside clips.

HEADER SPANS FOR **EXTERIOR** OPENINGS (m)

(Specified Wind Load = 1.5 kPa; Wall Dead Load = 0.6 kPa; Sill Height = 0 m; I_w = 0.75)

WALL HEIGHT (m)	HEADER SIZE (mm)	MEMBER DESIGNATION	L/240			L/360			L/600		
			OPENING HEIGHT (m)								
			2	2.5	3	2	2.5	3	2	2.5	3
4.00	92.1	362RH300-33	1.25[2]	1.29[2]	1.32[2]	1.25[2]	1.29[2]	1.32[2]	1.25[2]	1.29[2]	1.32[2]
		362RH300-43	1.44[2]	1.47[2]	1.51[2]	1.44[2]	1.47[2]	1.51[2]	1.44[2]	1.47[2]	1.51[2]
		362RH300-54	2.05[2]	2.11[2]	2.18[2]	2.05[2]	2.11[2]	2.18[2]	2.05[2]	2.11[2]	2.18[2]
		362RH300-68	2.29[2]	2.35[2]	2.41[2]	2.29[2]	2.35[2]	2.41[2]	2.29[2]	2.35[2]	2.41[2]
		362RH300-97	2.90[2]	2.99[2]	3.08[2]	2.90[2]	2.99[2]	3.08[2]	2.75[2]	2.75[2]	2.75[2]
		362RH350-54	2.14[2]	2.20[2]	2.26[2]	2.14[2]	2.20[2]	2.26[2]	2.14[2]	2.20[2]	2.26[2]
		362RH350-68	2.48[2]	2.55[2]	2.62[2]	2.48[2]	2.55[2]	2.62[2]	2.48[2]	2.55[2]	2.57[2]
		362RH350-97	3.04[2]	3.12[2]	3.20[2]	3.04[2]	3.12[2]	3.20[2]	2.86[2]	2.86[2]	2.86[2]
	102	400RH300-33	1.31[2]	1.35[2]	1.39[2]	1.31[2]	1.35[2]	1.39[2]	1.31[2]	1.35[2]	1.39[2]
		400RH300-43	1.57[2]	1.62[2]	1.67[2]	1.57[2]	1.62[2]	1.67[2]	1.57[2]	1.62[2]	1.67[2]
		400RH300-54	2.14[2]	2.21[2]	2.28[2]	2.14[2]	2.21[2]	2.28[2]	2.14[2]	2.21[2]	2.28[2]
		400RH300-68	2.48[2]	2.56[2]	2.65[2]	2.48[2]	2.56[2]	2.65[2]	2.48[2]	2.56[2]	2.65[2]
		400RH300-97	3.03[2]	3.13[2]	3.24[2]	3.03[2]	3.13[2]	3.24[2]	2.96[2]	2.96[2]	2.96[2]
		400RH350-54	2.24[2]	2.30[2]	2.37[2]	2.24[2]	2.30[2]	2.37[2]	2.24[2]	2.30[2]	2.37[2]
		400RH350-68	2.59[2]	2.66[2]	2.74[2]	2.59[2]	2.66[2]	2.74[2]	2.59[2]	2.66[2]	2.74[2]
		400RH350-97	3.17[2]	3.26[2]	3.36[2]	3.17[2]	3.26[2]	3.36[2]	3.08[2]	3.08[2]	3.08[2]
	152	600RH300-33	1.50[1]	1.56[1]	1.63[1]	1.50[1]	1.56[1]	1.63[1]	1.50[1]	1.56[1]	1.63[1]
		600RH300-43	1.83[1]	1.90[1]	1.99[1]	1.83[1]	1.90[1]	1.99[1]	1.83[1]	1.90[1]	1.99[1]
		600RH300-54	2.43[2]	2.53[2]	2.65[2]	2.43[2]	2.53[2]	2.65[2]	2.43[2]	2.53[2]	2.65[2]
		600RH300-68	2.82[2]	2.94[2]	3.07[2]	2.82[2]	2.94[2]	3.07[2]	2.82[2]	2.94[2]	3.07[2]
		600RH300-97	3.36[2]	3.51[2]	3.71[2]	3.36[2]	3.51[2]	3.71[2]	3.36[2]	3.51[2]	3.83[2]
		600RH350-54	2.54[2]	2.64[2]	2.76[2]	2.54[2]	2.64[2]	2.76[2]	2.54[2]	2.64[2]	2.76[2]
		600RH350-68	2.96[2]	3.08[2]	3.21[2]	2.96[2]	3.08[2]	3.21[2]	2.96[2]	3.08[2]	3.21[2]
		600RH350-97	3.69[2]	3.85[2]	4.01[2]	3.69[2]	3.85[2]	4.01[2]	3.69[2]	3.85[2]	4.01[2]
	203	800RH300-43	1.95[1]	2.05[1]	2.16[1]	1.95[1]	2.05[1]	2.16[1]	1.95[1]	2.05[1]	2.16[1]
		800RH300-54	2.59[2]	2.72[2]	2.87[2]	2.59[2]	2.72[2]	2.87[2]	2.59[2]	2.72[2]	2.87[2]
		800RH300-68	3.02[2]	3.17[2]	3.35[2]	3.02[2]	3.17[2]	3.35[2]	3.02[2]	3.17[2]	3.35[2]
		800RH300-97	3.45[2]	3.60[2]	3.81[2]	3.45[2]	3.60[2]	3.81[2]	3.45[2]	3.60[2]	4.10[2]
		800RH350-54	2.73[2]	2.86[2]	3.01[2]	2.73[2]	2.86[2]	3.01[2]	2.73[2]	2.86[2]	3.01[2]
		800RH350-68	3.19[2]	3.34[2]	3.51[2]	3.19[2]	3.34[2]	3.51[2]	3.19[2]	3.34[2]	3.51[2]
		800RH350-97	3.78[2]	3.95[2]	4.17[2]	3.78[2]	3.95[2]	4.17[2]	3.78[2]	3.95[2]	4.42[2]
4.50	92.1	362RH300-33	1.16[2]	1.19[2]	1.21[2]	1.16[2]	1.19[2]	1.21[2]	1.16[2]	1.19[2]	1.21[2]
		362RH300-43	1.33[2]	1.36[2]	1.39[2]	1.33[2]	1.36[2]	1.39[2]	1.33[2]	1.36[2]	1.39[2]
		362RH300-54	1.90[2]	1.94[2]	1.99[2]	1.90[2]	1.94[2]	1.99[2]	1.90[2]	1.94[2]	1.99[2]
		362RH300-68	2.11[2]	2.16[2]	2.21[2]	2.11[2]	2.16[2]	2.21[2]	2.11[2]	2.16[2]	2.21[2]
		362RH300-97	2.68[2]	2.75[2]	2.82[2]	2.68[2]	2.75[2]	2.82[2]	2.64[2]	2.64[2]	2.64[2]
		362RH350-54	1.98[2]	2.03[2]	2.08[2]	1.98[2]	2.03[2]	2.08[2]	1.98[2]	2.03[2]	2.08[2]
		362RH350-68	2.29[2]	2.34[2]	2.40[2]	2.29[2]	2.34[2]	2.40[2]	2.29[2]	2.34[2]	2.40[2]
		362RH350-97	2.81[2]	2.87[2]	2.94[2]	2.81[2]	2.87[2]	2.94[2]	2.75[2]	2.75[2]	2.75[2]
	102	400RH300-33	1.21[2]	1.24[2]	1.27[2]	1.21[2]	1.24[2]	1.27[2]	1.21[2]	1.24[2]	1.27[2]
		400RH300-43	1.45[2]	1.48[2]	1.52[2]	1.45[2]	1.48[2]	1.52[2]	1.45[2]	1.48[2]	1.52[2]
		400RH300-54	1.97[2]	2.02[2]	2.08[2]	1.97[2]	2.02[2]	2.08[2]	1.97[2]	2.02[2]	2.08[2]
		400RH300-68	2.29[2]	2.35[2]	2.41[2]	2.29[2]	2.35[2]	2.41[2]	2.29[2]	2.35[2]	2.41[2]
		400RH300-97	2.79[2]	2.87[2]	2.95[2]	2.79[2]	2.87[2]	2.95[2]	2.79[2]	2.85[2]	2.85[2]
		400RH350-54	2.06[2]	2.11[2]	2.17[2]	2.06[2]	2.11[2]	2.17[2]	2.06[2]	2.11[2]	2.17[2]
		400RH350-68	2.39[2]	2.45[2]	2.51[2]	2.39[2]	2.45[2]	2.51[2]	2.39[2]	2.45[2]	2.51[2]
		400RH350-97	2.93[2]	3.00[2]	3.07[2]	2.93[2]	3.00[2]	3.07[2]	2.93[2]	2.97[2]	2.97[2]
	152	600RH300-33	1.37[1]	1.42[1]	1.47[1]	1.37[1]	1.42[1]	1.47[1]	1.37[1]	1.42[1]	1.47[1]
		600RH300-43	1.67[2]	1.73[2]	1.79[2]	1.67[2]	1.73[2]	1.79[2]	1.67[2]	1.73[2]	1.79[2]
		600RH300-54	2.22[2]	2.30[2]	2.39[2]	2.22[2]	2.30[2]	2.39[2]	2.22[2]	2.30[2]	2.39[2]
		600RH300-68	2.58[2]	2.67[2]	2.77[2]	2.58[2]	2.67[2]	2.77[2]	2.58[2]	2.67[2]	2.77[2]
		600RH300-97	3.17[2]	3.28[2]	3.41[2]	3.17[2]	3.28[2]	3.41[2]	3.17[2]	3.28[2]	3.41[2]
		600RH350-54	2.33[2]	2.41[2]	2.49[2]	2.33[2]	2.41[2]	2.49[2]	2.33[2]	2.41[2]	2.49[2]
		600RH350-68	2.71[2]	2.80[2]	2.90[2]	2.71[2]	2.80[2]	2.90[2]	2.71[2]	2.80[2]	2.90[2]
		600RH350-97	3.39[2]	3.50[2]	3.63[2]	3.39[2]	3.50[2]	3.63[2]	3.39[2]	3.50[2]	3.63[2]
	203	800RH300-43	1.78[2]	1.85[2]	1.93[2]	1.78[2]	1.85[2]	1.93[2]	1.78[2]	1.85[2]	1.93[2]
		800RH300-54	2.36[2]	2.46[2]	2.57[2]	2.36[2]	2.46[2]	2.57[2]	2.36[2]	2.46[2]	2.57[2]
		800RH300-68	2.75[2]	2.86[2]	2.99[2]	2.75[2]	2.86[2]	2.99[2]	2.75[2]	2.86[2]	2.99[2]
		800RH300-97	3.25[2]	3.36[2]	3.50[2]	3.25[2]	3.36[2]	3.50[2]	3.25[2]	3.36[2]	3.50[2]
		800RH350-54	2.49[2]	2.59[2]	2.69[2]	2.49[2]	2.59[2]	2.69[2]	2.49[2]	2.59[2]	2.69[2]
		800RH350-68	2.91[2]	3.02[2]	3.15[2]	2.91[2]	3.02[2]	3.15[2]	2.91[2]	3.02[2]	3.15[2]
		800RH350-97	3.56[2]	3.69[2]	3.84[2]	3.56[2]	3.69[2]	3.84[2]	3.56[2]	3.69[2]	3.84[2]

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MAXIMUM **INTERIOR** JAMB STUD OPENING WIDTHS (m)

(WALL DEAD LOAD = 0.5 kPa; I_w = 1.0)			SPECIFIED WIND LOAD (kPa)								
WALL HEIGHT	JAMB SIZE	MEMBER DESIGNATION	0.25			0.5			0.75		
			DEFLECTION LIMIT								
(m)	(mm)		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
3.00	92.1	362RJS300-33	4.75	4.75	4.30	2.41 *	2.41 *	1.93	1.44 *	1.44 *	1.13
		362RJS300-43	4.75	4.75	4.75	3.82	3.82	2.81	2.37	2.37 *	1.71
		362RJS300-54	4.75	4.75	4.75	4.75	4.75	3.61	4.74	3.59	2.24
		362RJS300-68	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.73	3.00
		362RJS300-97	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.27
		362RJS350-54	4.75	4.75	4.75	4.75	4.75	3.99	4.75	3.96	2.49
		362RJS350-68	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	3.40
		362RJS350-97	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
	102	400RJS300-33	4.75	4.75	4.75	2.75 *	2.75 *	2.52 *	1.67	1.67 *	1.52 *
		400RJS300-43	4.75	4.75	4.75	4.38	4.38	3.63	2.74	2.74 *	2.26
		400RJS300-54	4.75	4.75	4.75	4.75	4.75	4.63	4.75	4.60	2.92
		400RJS300-68	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	3.87
		400RJS300-97	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
		400RJS350-54	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	3.22
		400RJS350-68	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.36
		400RJS350-97	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
	152	600RJS300-33	4.75	4.75	4.75	4.75	4.75	4.75	3.03	3.03 *	3.03 *
		600RJS300-43	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
		600RJS300-54	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		600RJS300-68	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		600RJS300-97	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		600RJS350-54	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		600RJS350-68	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		600RJS350-97	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
	203	800RJS300-43	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
		800RJS300-54	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		800RJS300-68	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		800RJS300-97	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		800RJS350-54	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		800RJS350-68	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		800RJS350-97	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
3.50	92.1	362RJS300-33	3.66 *	3.66 *	2.54	1.65 *	1.65 *	1.05	0.94	0.94 *	0.54
		362RJS300-43	4.75	4.75	3.65	2.69 *	2.63 *	1.61	1.63	1.59 *	0.91
		362RJS300-54	4.75	4.75	4.66	4.75	3.38	2.11	3.42	2.09	1.25
		362RJS300-68	4.75	4.75	4.75	4.75	4.47	2.83	4.52	2.81	1.72
		362RJS300-97	4.75	4.75	4.75	4.75	4.75	4.03	4.75	4.00	2.52
		362RJS350-54	4.75	4.75	4.75	4.75	3.74	2.34	3.58	2.32	1.40
		362RJS350-68	4.75	4.75	4.75	4.75	4.75	3.21	4.66	3.18	1.97
		362RJS350-97	4.75	4.75	4.75	4.75	4.75	4.62	4.75	4.58	2.91
	102	400RJS300-33	4.11 *	4.11 *	3.29	1.90 *	1.90 *	1.42	1.10	1.10 *	0.79
		400RJS300-43	4.75	4.75	4.68	3.10 *	3.10 *	2.12	1.90	1.90 *	1.25
		400RJS300-54	4.75	4.75	4.75	4.75	4.35	2.75	3.94	2.73	1.67
		400RJS300-68	4.75	4.75	4.75	4.75	4.75	3.65	4.75	3.63	2.27
		400RJS300-97	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	3.28
		400RJS350-54	4.75	4.75	4.75	4.75	4.75	3.04	4.13	3.01	1.86
		400RJS350-68	4.75	4.75	4.75	4.75	4.75	4.11	4.75	4.08	2.57
		400RJS350-97	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	3.75
	152	600RJS300-33	4.75	4.75	4.75	3.51 *	3.51 *	3.51 *	2.16	2.16 *	2.16 *
		600RJS300-43	4.75	4.75	4.75	4.75	4.75	4.75	3.64	3.64 *	3.64 *
		600RJS300-54	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	4.91
		600RJS300-68	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		600RJS300-97	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		600RJS350-54	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	5.34
		600RJS350-68	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		600RJS350-97	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
	203	800RJS300-43	4.75	4.75	4.75	4.75	4.75	4.75	4.67	4.67	4.67
		800RJS300-54	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		800RJS300-68	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		800RJS300-97	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		800RJS350-54	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		800RJS350-68	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		800RJS350-97	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 This table was prepared conservatively with an analysis of the opening being vertically centered in relation to the overall wall height shown. The minimum opening height is 900 mm, at the center of the wall height.
3 Opening widths are limited to 4.75 m for 92.1 mm & 102 mm members and 6 m for 152 mm & 203 mm members.
4 Section properties are based on CSA S136-16.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136-16.
6 For ***interior*** framing, lateral deflection calculations are based on I_w = 1.0.
7 The tabulated values for flexural/bending are based on a fully braced side jamb.
8 This table is only applicable for curtainwall applications.
9 The strength analysis included separate bending and shear checks plus the combined interaction of bending and shear effects as per Section H2 of CSA S136-16
10 Tables were prepared using a ***400 mm*** o.c. spacing from the jamb stud to the first adjacent typical wall stud.
11 Opening widths marked with an * (asterisk) require web stiffeners at each end of the jamb. Web crippling is based on a ***25.4 mm*** bearing length and must be checked separately for bearing lengths other than ***25.4 mm***.

MAXIMUM **INTERIOR** JAMB STUD OPENING WIDTHS (m)

(WALL DEAD LOAD = 0.5 kPa; I_w = 1.0)			SPECIFIED WIND LOAD (kPa)								
WALL HEIGHT	JAMB SIZE	MEMBER DESIGNATION	0.25			0.5			0.75		
			DEFLECTION LIMIT								
(m)	(mm)		L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
4.00	92.1	362RJS300-33	2.68 *	2.56 *	1.56	1.15 *	1.06 *	- *	-	-	-
		362RJS300-43	4.3 *	3.69	2.31	1.96 *	1.62	0.932	1.15 *	0.923	-
		362RJS300-54	4.75	4.70	2.98	4.06 *	2.13	1.27	2.54 *	1.26	-
		362RJS300-68	4.75	4.75	3.96	4.75	2.85	1.75	3.45 *	1.74	1.01
		362RJS300-97	4.75	4.75	4.75	4.75	4.07	2.56	4.50	2.54	1.55
		362RJS350-54	4.75	4.75	3.30	4.26	2.36 *	1.43 *	2.67 *	1.42	-
		362RJS350-68	4.75	4.75	4.46	4.75	3.23	2.01	3.57 *	1.99	1.18
		362RJS350-97	4.75	4.75	4.75	4.75	4.66	2.96	4.57	2.93	1.81
	102	400RJS300-33	3.02 *	3.02 *	2.06	1.34 *	1.34 *	- *	-	-	-
		400RJS300-43	4.75	4.72	3.00	2.27 *	2.14 *	1.28 *	1.35 *	1.27 *	-
		400RJS300-54	4.75	4.75	3.85	4.66 *	2.77	1.70	2.93 *	1.69	0.976
		400RJS300-68	4.75	4.75	4.75	4.75	3.69	2.31	4.11 *	2.29	1.38
		400RJS300-97	4.75	4.75	4.75	4.75	4.75	3.33	4.75	3.31	2.06
		400RJS350-54	4.75	4.75	4.23	4.75	3.06	1.89	3.08 *	1.88	1.10
		400RJS350-68	4.75	4.75	4.75	4.75	4.15	2.62	4.25 *	2.60	1.58
		400RJS350-97	4.75	4.75	4.75	4.75	4.75	3.81	4.75	3.78	2.37
	152	600RJS300-33	4.75	4.75	4.75	2.62 *	2.62 *	2.62 *	1.58 *	1.58 *	1.58 *
		600RJS300-43	4.75	4.75	4.75	4.27 *	4.27 *	3.91 *	2.69 *	2.69 *	2.44
		600RJS300-54	6.00	6.00	6.00	6.00	6.00	4.99	5.04	4.95	3.15
		600RJS300-68	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	4.17
		600RJS300-97	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	5.93
		600RJS350-54	6.00	6.00	6.00	6.00	6.00	5.42	5.23 *	5.23 *	3.44
		600RJS350-68	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	4.63
		600RJS350-97	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
	203	800RJS300-43	4.75	4.75	4.75	4.75	4.75	4.75	3.56 *	3.56 *	3.56 *
		800RJS300-54	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		800RJS300-68	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		800RJS300-97	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		800RJS350-54	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		800RJS350-68	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		800RJS350-97	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
4.50	92.1	362RJS300-33	2.02 *	1.68	0.97	-	-	-	-	-	-
		362RJS300-43	3.29 *	2.47	1.50	1.00 *	0.50	-	-	-	-
		362RJS300-54	4.75	3.18	1.97	3.00 *	1.00	-	1.92 *	-	-
		362RJS300-68	4.75	4.21	2.66	3.50	1.50	1.11	2.64	1.10	-
		362RJS300-97	4.75	4.75	3.80	4.50	2.50	1.68	3.65	1.66	0.959
		362RJS350-54	4.75	3.52	2.20	3.00 *	1.00	-	2.03 *	-	-
		362RJS350-68	4.75	4.75	3.02	4.00 *	2.00	1.28	2.78 *	1.27	-
		362RJS350-97	4.75	4.75	4.36	4.50	2.50	1.95	3.71	1.94	1.14
	102	400RJS300-33	2.29 *	2.21 *	1.32	-	-	-	-	-	-
		400RJS300-43	3.72 *	3.20	1.98	1.50 *	1.00	-	0.976 *	-	-
		400RJS300-54	4.75	4.10	2.58	3.00 *	1.50	1.07	2.23 *	1.06	-
		400RJS300-68	4.75	4.75	3.44	4.50	2.00	1.50	3.19 *	1.48	-
		400RJS300-97	4.75	4.75	4.75	4.50	3.00	2.22	4.54	2.20	1.32
		400RJS350-54	4.75	4.51	2.86	3.50 *	1.50	1.20	2.35 *	1.19	-
		400RJS350-68	4.75	4.75	3.88	4.50	2.50	1.71	3.30 *	1.70	0.984
		400RJS350-97	4.75	4.75	4.75	4.50	3.50	2.56	4.62	2.54	1.54
	152	600RJS300-33	4.25 *	4.25 *	4.07	1.50 *	1.50 *	1.81 *	1.17 *	1.17 *	1.05
		600RJS300-43	4.75	4.75	4.75	3.00 *	3.00 *	2.62 *	2.04 *	2.04 *	1.59
		600RJS300-54	6.00	6.00	6.00	5.50	5.00	3.39	3.91 *	3.36	2.09
		600RJS300-68	6.00	6.00	6.00	6.00	6.00	4.48	5.50 *	4.44	2.81
		600RJS300-97	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	4.06
		600RJS350-54	6.00	6.00	6.00	6.00	5.00	3.70	4.06 *	3.67	2.30
		600RJS350-68	6.00	6.00	6.00	6.00	6.00	4.96	5.73 *	4.93	3.14
		600RJS350-97	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	4.57
	203	800RJS300-43	4.75	4.75	4.75	4.00 *	4.00 *	4.42 *	2.77 *	2.77 *	2.77 *
		800RJS300-54	6.00	6.00	6.00	6.00	6.00	6.00	5.35 *	5.35 *	4.52
		800RJS300-68	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	5.90
		800RJS300-97	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		800RJS350-54	6.00	6.00	6.00	6.00	6.00	6.00	5.51 *	5.51 *	4.90
		800RJS350-68	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		800RJS350-97	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
2 This table was prepared conservatively with an analysis of the opening being vertically centered in relation to the overall wall height shown. The minimum opening height is 900 mm, at the center of the wall height.
3 Opening widths are limited to 4.75 m for 92.1 mm & 102 mm members and 6 m for 152 mm & 203 mm members.
4 Section properties are based on CSA S136-16.
5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136-16.
6 For ***interior*** framing, lateral deflection calculations are based on I_w = 1.0.
7 The tabulated values for flexural/bending are based on a fully braced side jamb.
8 This table is only applicable for curtainwall applications.
9 The strength analysis included separate bending and shear checks plus the combined interaction of bending and shear effects as per Section H2 of CSA S136-16
10 Tables were prepared using a ***400 mm*** o.c. spacing from the jamb stud to the first adjacent typical wall stud.
11 Opening widths marked with an * (asterisk) require web stiffeners at each end of the jamb. Web crippling is based on a ***25.4 mm*** bearing length and must be checked separately for bearing lengths other than ***25.4 mm***.

MAXIMUM **EXTERIOR** JAMB STUD OPENING WIDTHS (m)

(WALL DEAD LOAD = 0.6 kPa; I_w = 0.75)			SPECIFIED WIND LOAD (kPa)								
WALL HEIGHT	JAMB SIZE	MEMBER DESIGNATION	1			1.25			1.5		
			DEFLECTION LIMIT								
(m)	(mm)		L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600
3.00	92.1	362RJS300-33	0.963 *	0.963 *	0.351	0.677 *	0.667 *	-	-	-	-
		362RJS300-43	1.66 *	1.57 *	0.704	1.23 *	1.14 *	0.446	0.950 *	0.851 *	-
		362RJS300-54	3.44 *	2.10	1.02	2.64 *	1.56	0.700	2.10	1.20	0.486
		362RJS300-68	4.42	2.86	1.48	3.44	2.17	1.07	2.78	1.71	0.79
		362RJS300-97	4.75	4.13	2.24	4.02	3.19	1.68	3.26	2.56	1.30
		362RJS350-54	3.59	2.35	1.17	2.77 *	1.76	0.82	2.23 *	1.37	0.585
		362RJS350-68	4.54	3.26	1.72	3.53	2.49	1.26	2.86 *	1.98	0.950
		362RJS350-97	4.75	4.75	2.61	4.06	3.68	1.97	3.29	2.97	1.55
	102	400RJS300-33	1.13 *	1.13 *	0.59	0.815 *	0.82 *	0.352	-	-	-
		400RJS300-43	1.94 *	1.94 *	1.03	1.46 *	1.46 *	0.706	1.14 *	1.14 *	0.490
		400RJS300-54	3.99	2.78	1.43	3.10	2.11	1.03	2.50 *	1.66	0.76
		400RJS300-68	4.75	3.73	2.00	4.22	2.87	1.48	3.44	2.29	1.14
		400RJS300-97	4.75	4.75	2.96	4.75	4.15	2.25	4.31	3.37	1.78
		400RJS350-54	4.16	3.08	1.61	3.23 *	2.35	1.17	2.62 *	1.86	0.878
		400RJS350-68	4.75	4.22	2.29	4.34	3.26	1.72	3.53	2.62	1.33
		400RJS350-97	4.75	4.75	3.42	4.75	4.75	2.62	4.36	3.87	2.08
	152	600RJS300-33	2.15 *	2.15 *	2.15 *	1.63 *	1.63 *	1.63 *	1.27 *	1.27 *	1.27 *
		600RJS300-43	3.71	3.71	3.51	2.87 *	2.87 *	2.69 *	2.32 *	2.32 *	2.14 *
		600RJS300-54	6.00	6.00	4.52	5.31	5.31	3.50	4.35	4.35	2.82
		600RJS300-68	6.00	6.00	5.98	6.00	6.00	4.67	6.00	6.00	3.79
		600RJS300-97	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	5.47
		600RJS350-54	6.00	6.00	4.94	5.48	5.48	3.84	4.49	4.49	3.10
		600RJS350-68	6.00	6.00	6.00	6.00	6.00	5.19	6.00	6.00	4.23
		600RJS350-97	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
	203	800RJS300-43	4.58	4.58	4.58	3.56	3.56	3.56	2.89 *	2.89 *	2.89 *
		800RJS300-54	6.00	6.00	6.00	6.00	6.00	6.00	5.73	5.73	5.73
		800RJS300-68	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		800RJS300-97	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		800RJS350-54	6.00	6.00	6.00	6.00	6.00	6.00	5.87	5.87	5.87
		800RJS350-68	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		800RJS350-97	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
3.50	92.1	362RJS300-33	-	-	-	-	-	-	-	-	-
		362RJS300-43	1.11 *	0.767	-	0.795 *	0.50 *	-	-	-	-
		362RJS300-54	1.95	1.10	-	1.44	0.76	-	1.10	0.538	-
		362RJS300-68	2.67	1.58	0.711	2.02	1.15	-	1.58	0.858	-
		362RJS300-97	3.86	2.38	1.19	2.98	1.79	0.84	2.38	1.39	0.598
		362RJS350-54	2.18 *	1.26	0.517	1.63 *	0.89	-	1.26 *	0.642	-
		362RJS350-68	3.04	1.83	0.86	2.32 *	1.35	0.571	1.83 *	1.02	-
		362RJS350-97	4.13	2.77	1.42	3.19	2.10	1.02	2.57	1.65	0.753
	102	400RJS300-33	-	-	-	-	-	-	-	-	-
		400RJS300-43	1.31 *	1.11 *	-	0.959 *	0.769 *	-	-	-	-
		400RJS300-54	2.59 *	1.53	0.679	1.95 *	1.10	-	1.53 *	0.822	-
		400RJS300-68	3.49	2.13	1.04	2.67	1.59	0.714	2.13	1.22	0.497
		400RJS300-97	4.75	3.13	1.64	3.88	2.39	1.20	3.14	1.90	0.901
		400RJS350-54	2.87 *	1.72	0.793	2.18 *	1.26	0.517	1.72 *	0.950	-
		400RJS350-68	3.94	2.43	1.22	3.04 *	1.83	0.860	2.44 *	1.43	0.610
		400RJS350-97	4.75	3.61	1.93	4.14	2.77	1.43	3.36	2.21	1.09
	152	600RJS300-33	1.51 *	1.51 *	1.30 *	1.11 *	1.11 *	0.924	0.85 *	0.85 *	0.672 *
		600RJS300-43	2.62 *	2.62 *	1.99	2.01 *	2.01 *	1.47	1.60 *	1.60 *	1.13
		600RJS300-54	4.9 *	4.77 *	2.63	3.83 *	3.70 *	1.98	3.12 *	2.99 *	1.56
		600RJS300-68	6.00	6.00	3.54	5.44	4.92	2.72	4.46 *	4.01 *	2.17
		600RJS300-97	6.00	6.00	5.11	6.00	6.00	3.98	6.00	5.76	3.22
		600RJS350-54	5.07	5.07	2.88	3.97 *	3.97 *	2.19	3.23 *	3.23 *	1.73
		600RJS350-68	6	6.00	3.95	5.66	5.47	3.04	4.64 *	4.46 *	2.44
		600RJS350-97	6	6.00	5.76	6.00	6.00	4.50	6.00	6.00	3.65
	203	800RJS300-43	3.38 *	3.38 *	3.38 *	2.61 *	2.61 *	2.61 *	2.09 *	2.09 *	2.09 *
		800RJS300-54	6.00	6.00	5.70	5.16	5.16	4.44	4.22 *	4.22 *	3.61
		800RJS300-68	6.00	6.00	6.00	6.00	6.00	5.85	6.00	6.00	4.78
		800RJS300-97	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
		800RJS350-54	6.00	6.00	6.00	5.29	5.29	4.83	4.33 *	4.33 *	3.93
		800RJS350-68	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	5.26
		800RJS350-97	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00

TABLE NOTES:

1 I_w is the SLS importance factor for wind load as per the NBCC.
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3 Opening widths are limited to 4.75 m for 92.1 mm & 102 mm members and 6 m for 152 mm & 203 mm members.
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5 Cold work of forming is used as applicable per Section A3.3.2 of CSA S136-16.
6 For ***exterior*** framing, lateral deflection calculations are based on I_w = 0.75.
7 The tabulated values for flexural/bending are based on a fully braced side jamb.
8 This table is only applicable for curtainwall applications.
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10 Tables were prepared using a ***400 mm*** o.c. spacing from the jamb stud to the first adjacent typical wall stud.
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(METRIC)

MAXIMUM **EXTERIOR** JAMB STUD OPENING WIDTHS (m)

(WALL DEAD LOAD = 0.6 kPa; I_w = 0.75)			SPECIFIED WIND LOAD (kPa)								
WALL HEIGHT	JAMB SIZE	MEMBER DESIGNATION	1			1.25			1.5		
			DEFLECTION LIMIT								
(m)	(mm)		L/240	L/360	L/600	L/240	L/360	L/600	L/240	L/360	L/600
4.00	92.1	362RJS300-33	-	-	-	-	-	-	-	-	-
		362RJS300-43	-	-	-	-	-	-	-	-	-
		362RJS300-54	1.11	-	-	0.772	-	-	-	-	-
		362RJS300-68	1.60	0.866	-	1.16	-	-	0.868	-	-
		362RJS300-97	2.40	1.40	0.604	1.80	1.80	-	1.41	0.739	-
		362RJS350-54	1.27	0.65	-	0.898	-	-	0.65	-	-
		362RJS350-68	1.85	1.03	-	1.36	1.36	-	1.04	-	-
		362RJS350-97	2.79	1.66	0.760	2.12	2.12	-	1.67	0.91	-
	102	400RJS300-33	-	-	-	-	-	-	-	-	-
		400RJS300-43	0.903 *	-	-	-	-	-	-	-	-
		400RJS300-54	1.54	0.830	-	1.12	-	-	0.832	-	-
		400RJS300-68	2.15	1.23	-	1.60	1.601	-	1.24	0.626	-
		400RJS300-97	3.16	1.91	0.909	2.41	2.41	0.61	1.91	1.08	-
		400RJS350-54	1.73	0.96	-	1.27	1.270	-	0.960	-	-
		400RJS350-68	2.45	1.44	0.625	1.85	1.85	-	1.44	0.763	-
		400RJS350-97	3.64	2.23	1.10	2.80	2.80	0.76	2.23	1.29	-
	152	600RJS300-33	1.07 *	1.07 *	0.679	-	-	-	-	-	-
		600RJS300-43	1.91 *	1.91 *	1.14	1.44 *	1.44 *	0.79	1.13 *	1.13 *	-
		600RJS300-54	3.67 *	3.01	1.57	2.85 *	2.29	1.14	2.30 *	1.81	0.850
		600RJS300-68	5.20 *	4.03	2.18	4.07 *	3.11	1.63	3.32 *	2.50	1.26
		600RJS300-97	6.00	5.80	3.24	6.00	4.52	2.48	5.36 *	3.67	1.97
		600RJS350-54	3.81 *	3.30	1.74	2.96 *	2.52	1.28	2.39 *	2.01	0.97
		600RJS350-68	5.42 *	4.49	2.46	4.25 *	3.48	1.85	3.46 *	2.80	1.44
		600RJS350-97	6.00	6.00	3.68	6.00	5.11	2.83	5.62	4.16	2.26
	203	800RJS300-43	2.55 *	2.55 *	2.55 *	1.95 *	1.95 *	1.95 *	1.55 *	1.55 *	1.55 *
		800RJS300-54	5.01 *	5.01 *	3.63	3.91 *	3.91 *	2.79	3.19 *	3.19 *	2.23
		800RJS300-68	6.00	6.00	4.81	5.67	5.67	3.74	4.65 *	4.65 *	3.02
		800RJS300-97	6.00	6.00	6.00	6.00	6.00	5.41	6.00	6.00	4.41
		800RJS350-54	5.15 *	5.15 *	3.95	4.03 *	4.03 *	3.05	3.28 *	3.28 *	2.44
		800RJS350-68	6.00	6.00	5.30	5.85	5.85	4.13	4.80	4.80	3.34
		800RJS350-97	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	4.94
5.50	92.1	362RJS300-33	-	-	-	-	-	-	-	-	-
		362RJS300-43	-	-	-	-	-	-	-	-	-
		362RJS300-54	-	-	-	-	-	-	-	-	-
		362RJS300-68	0.949	-	-	-	-	-	-	-	-
		362RJS300-97	1.52	0.812	-	1.10	-	-	0.814	-	-
		362RJS350-54	0.719	-	-	-	-	-	-	-	-
		362RJS350-68	1.13	-	-	0.783	-	-	-	-	-
		362RJS350-97	1.79	1.00	-	1.32	-	-	1.00	-	-
	102	400RJS300-33	-	-	-	-	-	-	-	-	-
		400RJS300-43	-	-	-	-	-	-	-	-	-
		400RJS300-54	0.911	-	-	-	-	-	-	-	-
		400RJS300-68	1.34	0.693	-	0.952	-	-	0.695	-	-
		400RJS300-97	2.06	1.17	-	1.53	0.819	-	1.17	-	-
		400RJS350-54	1.05	-	-	0.719	-	-	-	-	-
		400RJS350-68	1.55	0.837	-	1.13	-	-	0.839	-	-
		400RJS350-97	2.39	1.40	-	1.80	1.00	-	1.40	0.734	-
	152	600RJS300-33	-	-	-	-	-	-	-	-	-
		600RJS300-43	1.42 *	1.42 *	-	1.05 *	1.03 *	-	-	-	-
		600RJS300-54	2.82 *	1.95	0.93	2.17 *	1.44	-	1.74 *	1.10	-
		600RJS300-68	4.02	2.67	1.36	3.13 *	2.02	0.972	2.54 *	1.58	0.711
		600RJS300-97	4.75	3.91	2.11	4.75 *	3.02	1.57	3.92 *	2.42	1.21
		600RJS350-54	2.93	2.15	1.05	2.26 *	1.60	0.72	1.81 *	1.24	-
		600RJS350-68	4.20	2.99	1.56	3.27 *	2.28	1.13	2.65 *	1.80	0.841
		600RJS350-97	4.75	4.43	2.42	4.75 *	3.43	1.82	4.38 *	2.76	1.42
	203	800RJS300-43	1.96 *	1.96 *	1.79 *	1.48 *	1.48 *	1.32 *	1.15 *	1.15	1.00 *
		800RJS300-54	3.91 *	3.91 *	2.39	3.04 *	3.04 *	1.79	2.46 *	2.46 *	1.40
		800RJS300-68	4.75 *	4.75 *	3.22	4.41 *	4.41 *	2.46	3.60 *	3.60 *	1.95
		800RJS300-97	4.75	4.75	4.70	4.75 *	4.75	3.64	6.00 *	5.29	2.94
		800RJS350-54	4.02 *	4.02 *	2.61	3.13 *	3.13 *	1.97	2.53 *	2.53 *	1.55
		800RJS350-68	4.75 *	4.75 *	3.56	4.56 *	4.56 *	2.73	3.73 *	3.73 *	2.18
		800RJS350-97	4.75	4.75	5.25	4.75	4.75	4.09	6.00	5.91	3.31

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The technical data in this brochure is intended as an aid to the design professional and should not be used to replace the judgement of a qualified Engineer or Architect.

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