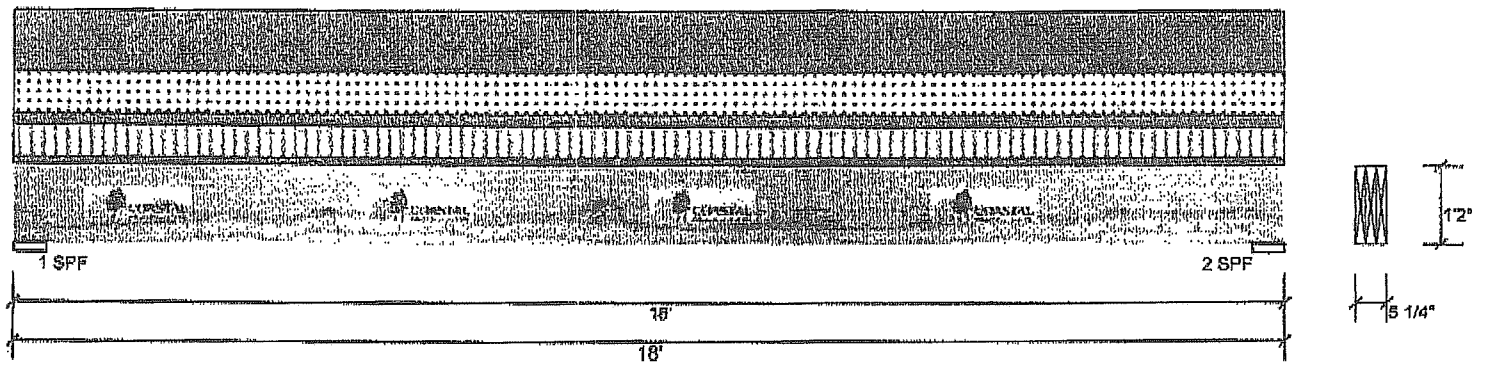


RE-SUBMITTAL
 SB 1- BEAM DATA
 2- ATTACHMENT DATA

		Client	Shipping
Project Name: 253 HOLM AVE	Job#:	Quantity 1 (3pcs.)	Description:
2.0E CP-LAM 1.750" X 14.000" 3-Ply - PASSED			1/17/2014 10:40 AM Page 1 of 1 Designer: Gabe Labelle



Type: Girder	Application: Floor	Reactions						
Piles: 3	Design Method: ASD	Brg	Live	Dead	Snow	Wind	Const	
Moisture Condition: Dry	Building Code: IBC 2012 / IRC	1	2797	2634	3845	0	0	
Deflection LL: 360	Load Sharing: Yes	2	2797	2634	3845	0	0	
Deflection TL: 240	Deck: 5/8" SPF Plywood Nailed	Bearings						
Importance: Normal	Vibration: Not Checked	Bearing Input	In	Cap. React	D/L lb	Total	Ld. Case	Ld. Comb.
Temperature: Temp <= 100°F		Length	Analysis					
		1 - SPF 5,600"	3,500"	98%	2634 / 4982	7615	L	D+0.75(L+S)
		2 - SPF 5,600"	3,500"	98%	2634 / 4982	7615	L	D+0.75(L+S)

Design OK.
 Design Notes
 1 Girders are designed to be supported on the bottom edge only.
 2 Multiple piles must be fastened together as per manufacturer's details.
 3 Top loads must be supported equally by all piles.

D	Load Type	Location	Trib Width	Side	Dead	Live	Snow	Wind	Const.	Comments
	Uniform		8'-0"-0"	Top	10 PSF	40 PSF	0 PSF	0 PSF	0 PSF	
	Uniform		8'-0"-0"	Top	16 PSF	0 PSF	55 PSF	0 PSF	0 PSF	
	Uniform			Top	80 PLF	0 PLF	0 PLF	0 PLF	0 PLF	
	Self Weight				19 PLF					



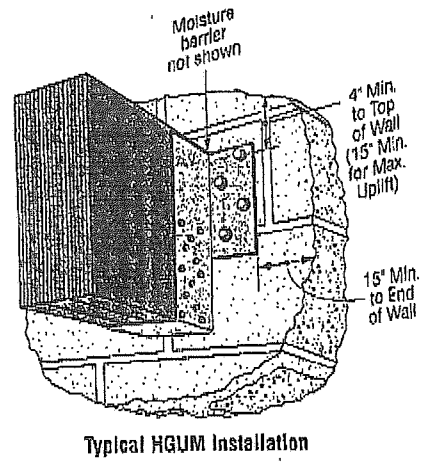
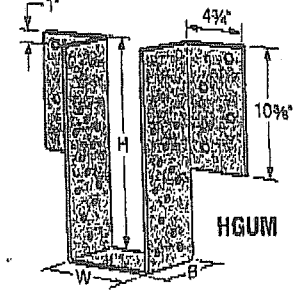
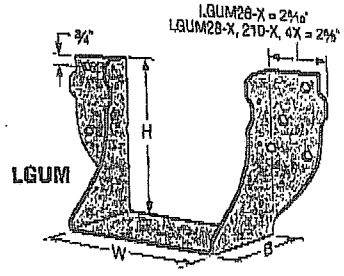
LGUM/HGUM High Capacity Beam/Girder Hangers for Concrete/Masonry

High-capacity beam or girder hangers for concrete or masonry applications. Installation is made easier using Simpson Strong-Tie® Strong-Drive® SDS screws (provided) into the wood member and Titen HD® anchors (provided) into the masonry.
MATERIAL: See table **FINISH:** Galvanized
INSTALLATION: • Use all specified fasteners (Included).

- Attach hanger to a concrete or grouted CMU wall using Titen HD anchors. Note the following:
 - Drill holes using drill bits equal in diameter to the specified Titen HD anchor.
 - Holes shall be drilled 1/2" deeper than the specified Titen HD length (i.e. 4 1/2" for a 4" long Titen HD anchor)
 - Caution: Oversized holes in the base material will reduce or eliminate the mechanical interlock of the threads with the base material and will reduce the anchor's load capacity.
- Titen HD is not recommended for exposed exterior applications.
- Provide moisture barrier between beam and wall per jurisdictional requirements.

OPTIONS: • For HGUM only—Other seat widths available. Order as "X" version.
 • HGUM available with one flange concealed.
 • LGUM/HGUM available in skews up to 45°. See Hanger Options, pages 215-224.

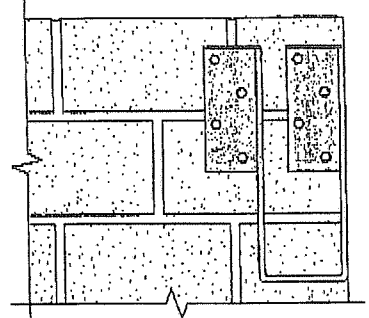
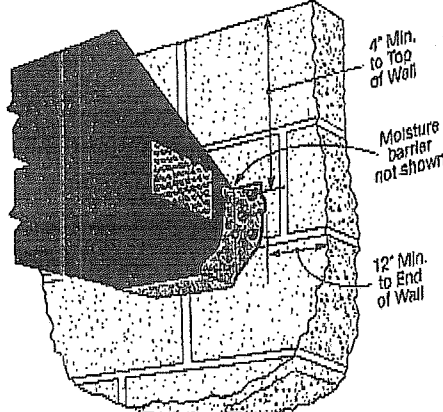
CODES: See page 13 for Code Reference Key Chart.



Masonry Connectors

Model No.	Ga	Dimensions			Fasteners		Allowable Loads				Code Ref.
		W	H	B	CMU/Concrete	Jolst	Uplift (160)		Download (DF, SP, LVL, PSL, LSL)		
					Titen HD Anchors	SDS Screws	4" Min. to Top of Wall	15" Min. to Top of Wall	CMU (100/115/125)	Concrete	
DOUBLE 2x SIZES											
LGUM26-2-SDS	12	3 3/4"	5 7/8"	4	4 - 3/8" x 4"	4 - 1/2" x 2 1/2"	1430	1430	5595		F27
LGUM28-2-SDS	12	3 3/4"	7 3/8"	4	6 - 3/8" x 4"	6 - 1/2" x 2 1/2"	2435	2435	6250		
LGUM210-2-SDS	12	3 3/4"	9 7/8"	4	8 - 3/8" x 4"	8 - 1/2" x 2 1/2"	3575	3575	9575		
TRIPLE 2x SIZES											
LGUM26-3-SDS	12	4 1/4"	5 1/2"	4	4 - 3/8" x 4"	4 - 1/2" x 2 1/2"	1430	1430	5610		
LGUM28-3-SDS	12	4 1/4"	7 1/4"	4	6 - 3/8" x 4"	6 - 1/2" x 2 1/2"	2435	2435	8290		
LGUM210-3-SDS	12	4 1/4"	9 1/4"	4	8 - 3/8" x 4"	8 - 1/2" x 2 1/2"	3575	3575	9715		
QUADRUPLE 2x SIZES											
LGUM26-4-SDS	12	6 3/8"	5 7/8"	4	4 - 3/8" x 4"	4 - 1/2" x 2 1/2"	1430	1430	5625		
LGUM28-4-SDS	12	6 3/8"	7 3/8"	4	6 - 3/8" x 4"	6 - 1/2" x 2 1/2"	2435	2435	8335		
LGUM210-4-SDS	12	6 3/8"	9 3/8"	4	8 - 3/8" x 4"	8 - 1/2" x 2 1/2"	3575	3575	9860		
4x SIZES											
LGUM46-SDS	12	3 3/4"	4 3/4"	4	4 - 3/8" x 4"	4 - 1/2" x 2 1/2"	1430	1430	5600		
LGUM48-SDS	12	3 3/4"	6 3/4"	4	6 - 3/8" x 4"	6 - 1/2" x 2 1/2"	2435	2435	8260		
LGUM410-SDS	12	3 3/4"	8 3/4"	4	8 - 3/8" x 4"	8 - 1/2" x 2 1/2"	3575	3575	9620		
ENGINEERED WOOD & STRUCTURAL COMPOSITE LUMBER SIZES (Heavy Duty)											
HGUM5.25-SDS	7	5 1/4"	11 to 30	5 1/4"	8 - 5/8" x 5"	24 - 1/2" x 2 1/2"	4230 ²	6180 ²	14965	16015	
HGUM5.50-SDS	7	5 1/2"		5 1/4"	8 - 5/8" x 5"	24 - 1/2" x 2 1/2"	4230 ²	6180 ²	14940	16015	
HGUM7.00-SDS	7	7"		5 1/4"	8 - 5/8" x 5"	24 - 1/2" x 2 1/2"	4230 ²	6180 ²	14770	16015	
HGUM7.25-SDS	7	7 1/4"		5 1/4"	8 - 5/8" x 5"	24 - 1/2" x 2 1/2"	4230 ²	6180 ²	14740	16015	
HGUM9.00-SDS	7	9"		5 1/4"	8 - 5/8" x 5"	24 - 1/2" x 2 1/2"	4230 ²	6180 ²	14545	16015	

1. Uplift loads have been increased for wind or earthquake loading with no further increase is allowed.
2. HGUM uplift loads for concrete applications are 5840 lbs. with a 4" min. distance to top of wall and 6960 lbs. with a 15" min. distance to top of wall.
3. Minimum $f_m = 1500$ psi and $f_c = 2500$ psi.
4. LGUM must be installed on minimum 6" thick wall and HGUM on minimum 8" thick wall. (Nominal values for CMU)
5. Titen HD anchors may be installed into the head or bed joints.
6. Simpson Strong-Tie Strong-Drive screws are permitted to be installed through metal truss plates as approved by the Truss Designer, provided the requirements of ANSI/TPI 1-2007 Sections 7.5.3.4 and 8.9.2 are met (pre-drilling required through the plate using a maximum of 3/8" bit).



HGUM with right flange concealed