



## BUILDING INSPECTIONS

### Lightweight Residential Steel Framing

CLASSIFICATION DATA (please circle)

Stick Frame	YES	NO	Panelized system	Yes	No	Manufacturer:
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No	INSPECTION CHECKLIST		V	L	R	
1.	MATERIALS AND IDENTIFICATION	a	Component parts have a metallic coating and are properly identified for gauge of steel			
		b	Where dissimilar metals are in contact, suitable fasteners are installed			
		c	Straightening of bent materials have been reviewed by a qualified person (Q.P.)			
		d	Excessive corrosion and deformation has been reviewed by a Q.P.			
		e	Site and shop welding performed by a company certified by the CWB Div. 1 or 2			
		f	Damaged members from welding burn through reviewed by a Q.P.			
		g	Steel framing members are located within the building envelope or adequately shielded from contact with moisture			
2.	EXTERIOR WALL SHEATHING	a	Wall studs have a sheathing braced system where applicable			
		b	Sheathing material and fastener type and spacing conform to the permit docs.			
		c	Sheathing connected to the top and bottom tracks of the wall studs			
		d	Sheathing materials, such as gypsum board must be reviewed by a Q.P. when wet			
3.	WALL STUDS	a	Size, gauge and spacing conforms with the permit documents			
		b	Number of fasteners and spacing conform with the permit documents			
		c	Bottom track fastened to floor joist and perimeter joist with 1 or 2 screws per stud, refer to drawing details for exact number of fasteners required			
		d	Correct size and configuration of jamb studs provided for openings			
		e	Filler pieces have been provided at the floor joist header space to transfer loads from jamb members down to the foundation			
		f	Wall studs align with each other from one floor to another and with the floor joist or rafter above and/or below (offsets are permitted)			
		g	Stiffeners have been added to perimeter joist to line up wall studs on 1 <sup>st</sup> & 2 <sup>nd</sup> floors			
		h	A load distribution member has been provided where joists and rafters are not located directly over axial loadbearing studs			
		i	In panelized system construction, wall panels are fastened together at the wall studs			
		j	The gap between the end of a loadbearing stud and the web of the track does not exceed 1.5 mm			
		k	Metal stud support provided under beams			
		l	Multiple metal studs provided under girder trusses			
		m	Splicing of studs conform to permit documents or have been reviewed by a (Q.P.)			
		n	Studs in corners are fastened together			
		o	A minimum of three wall studs are fastened together at exterior corners			
4.	FLOOR AND CEILING JOISTS	a	Size, gauge and spacing conforms with the permit documents			
		b	Floor joist bear directly over wall studs (offsets permitted)			
		c	Cut floor joists have been 'headed-off' and fastened appropriately			
		d	Floor joists have web stiffeners at supports			
		e	Floor joist headers around openings conform to the design on permit documents			
		f	Cantilevered floor joists conform to the permit documents for special detailing			
		g	When the foundation wall runs parallel to the floor joists, an additional perimeter joist has been installed at foundation wall or single web stiffeners have been added to the perimeter joist at each location where a stud from above will bear			
		h	Floor joists are fastened to the top track of the metal studs			
		i	Floor joists that overlap a steel beam or loadbearing wall are fastened together and fastened to the beam or top track			
		j	When the floor joists are supported on an interior loadbearing partition, continuous bridging has been provided above the wall or solid blocking in every other space has been provided			
		k	Floor joists framed into the side of a structural steel beam conforms with the permit documents			
		l	All perimeter joists are fastened with screws at 1'-4" on centre to the foundation sill plate and the top track of the wall studs on the first floor			
		m	Splicing of floor joists conform to permit documents or reviewed by Q.P.			
		n	Minimum floor joist bearing is 1 1/2"			
		o	Ceiling joist connected to the roof rafter			
No	INSPECTION CHECKLIST		V	L	R	
	a	Engineered roof trusses conform to the approved shop drawings for configuration,				

