

MiTek Stock No. <sup>6</sup>	Ref. No.	Steel Gauge		Dimensions (in)				Nail Spacing	Fastener Schedule				DF/SP Allowable Tension Loads (Lbs.) <sup>1</sup>	
		Strap	Plate	W	L	D	CL		Anchor Bolt <sup>4</sup>		Strap <sup>2,3,7</sup>			
									Qty	Dia.	Qty	Type	160%	$\Delta$ (in) <sup>5</sup>
LTTI31	LTTI31	18	3	3-3/4	31	2-5/8	1-3/8	3	1	5/8	18	10d x 1-1/2	2805	0.175
LTS19-TZ	LTT19	16	3	1-3/4	22-1/4	3	1-1/2	2-1/2	1	3/4	8	10d HDG	1205	0.132
LTS20B	LTT20B	12	3	2	20	3	1-1/2	3-3/4	1	3/4	10	10d x 1-1/2	1100	0.128
											10	16d	1105	0.128
											2	1/2 Bolt	1175	0.128

- 1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
- 2) LTS20B bolted installation requires a minimum 1-1/2" wood member thickness.
- 3) 16d sinkers may be substituted for the specified 10d common nails with no load reduction.
- 4) The designer must specify anchor bolt type, length and embedment depth.
- 5) Deflections are derived from static, monotonic load tests of devices connected to DF wood members with specified fasteners.
- 6) LTTI and LTS holdowns shall be installed tight to the sill plate.
- 7) **NAILS:** 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long, 10d nails are 0.148" dia. x 3" long, 16d nails are 0.162" dia. x 3-1/2" long.