

2 New Beams
A2.1 Scale: 3"=1'-0"

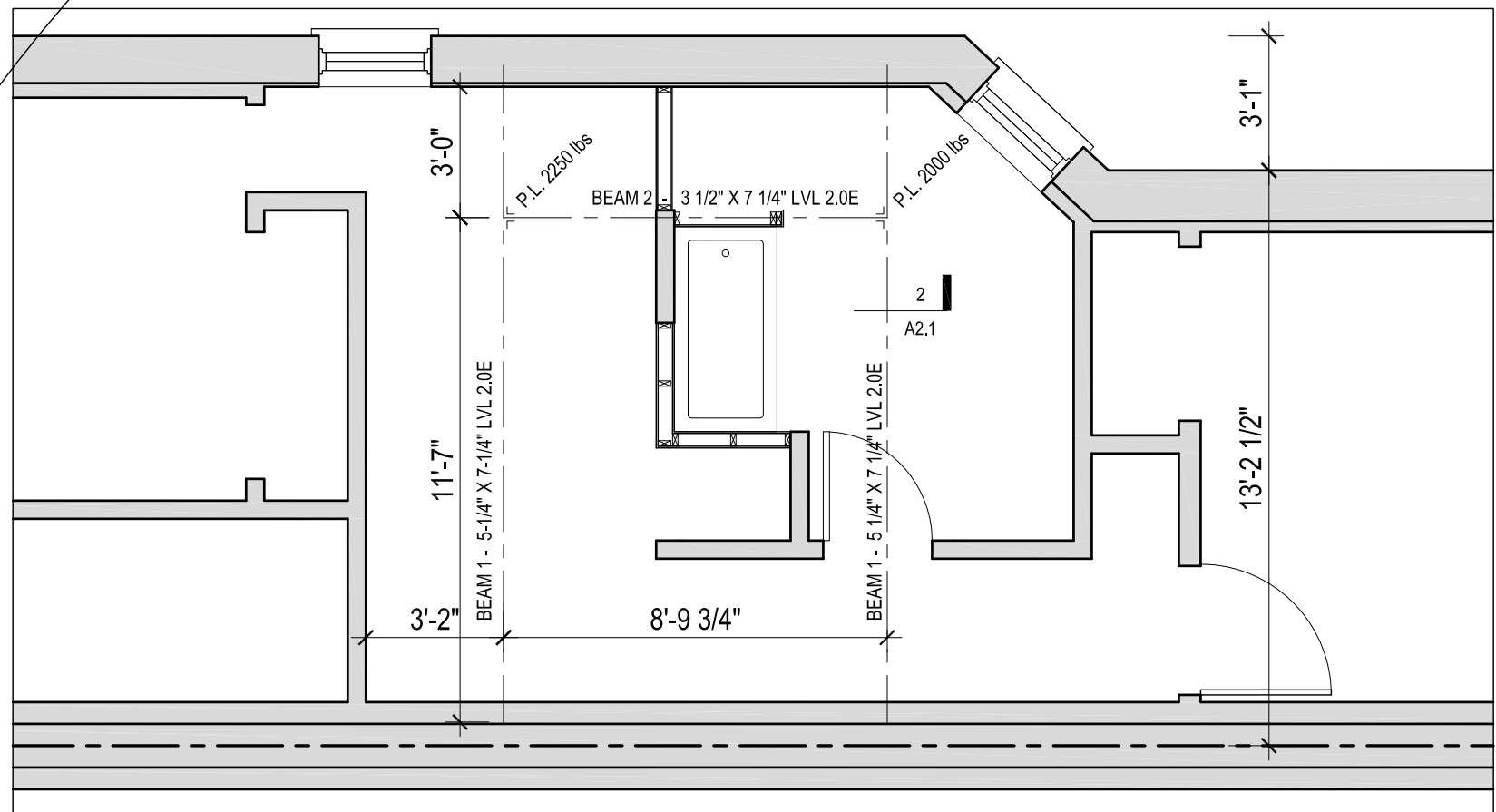
SECTION PROPERTIES AND ALLOWABLE CAPACITIES

Depth	Weight (lb/ft)				Allowable Moment (lb-ft)				Allowable Shear (lb)				Moment of Inertia (In ⁴)			
	1-3/4"	3-1/2"	5-1/4"	7"	1-3/4"	3-1/2"	5-1/4"	7"	1-3/4"	3-1/2"	5-1/4"	7"	1-3/4"	3-1/2"	5-1/4"	7"
7-1/4"	3.6	7.3	10.9	14.5	3986	7972	11958	15943	2453	4906	7359	9812	56	111	167	222
9-1/4"	4.6	9.3	13.9	18.5	6315	12630	18945	25260	3430	6259	9389	12518	115	231	346	462
9-1/2"	4.8	9.5	14.3	19.0	6641	13282	19924	26565	3214	6428	9642	12857	125	250	375	500
11-1/4"	5.6	11.3	16.9	22.5	9140	18280	27420	36560	3806	7613	11419	15225	208	415	623	831
11-7/8"	5.9	11.9	17.8	23.8	10123	20246	30368	40491	4018	8035	12053	16071	244	488	733	977
14"	7.0	14.0	21.0	28.0	13747	27495	41242	54990	4737	9473	14210	18947	400	800	1201	1601
16"	8.0	16.0	24.0	32.0	17616	35233	52849	70466	5413	10827	16240	21653	597	1195	1792	2389
18"	9.0	18.0	27.0	36.1	21924	43848	65772	87695	6090	12180	18270	24360	851	1701	2552	3402

NOTES:

- The Allowable Moment and Shear capacities are for normal load duration and shall be adjusted according to code.
- The tabulated Allowable Moment capacities assume continuous lateral support of the compression edge. For other conditions, multiply the Allowable Moment by the beam stability factor, C_L , as defined in the NDS.
- The 3-1/2", 5-1/4" and 7" beam widths listed above can be either a single piece or a combination of widths. For example, a 7" wide beam may be a single billet beam of 7" two plies of 3-1/2", a single 1-3/4" attached to a 5-1/4" billet beam, a 3-1/2" with a 1-3/4" ply attached to each face, or four plies of 1-3/4". Refer to the Connection Assemblies details on page 22 for additional information.
- The tabulated weight is an estimate and shall only be used for design purposes. Contact LP for actual shipping weights.

3 Load Table
A2.1 Scale: NTS



1 Stair Framing
A2.1 Scale: 1/4"=1'-0"

NEW STAIR FRAMING

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This drawing is the Property of John Boone Architect and may be used for this project only. Scale from drawings for reference only. Dimensions to be checked and verified by the contractor on site.

523 BRUNSWICK AVE.
Toronto, Ontario

DRAWING SCALE As Noted
PROJECT DATE AUG. 2012
PROJECT NUMBER 12A09
DRAWN BY jb

PLOT DATE: January 11, 2013

A2.1