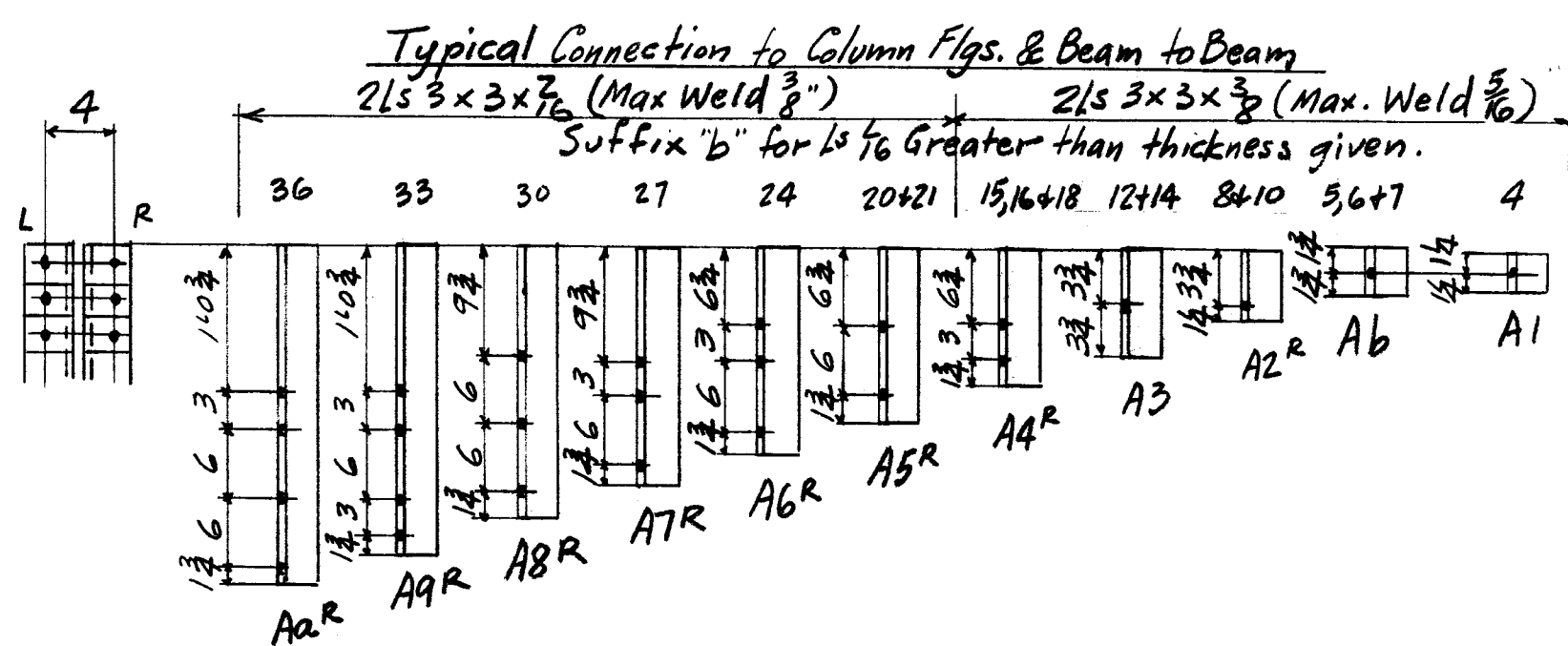
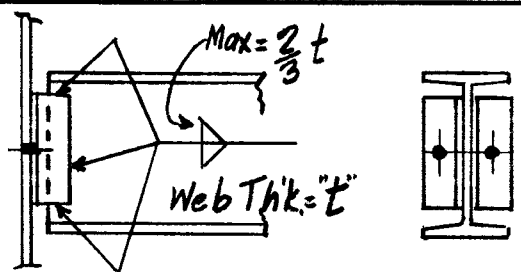


LEHIGH STRUCTURAL STEEL CO.
ALLENTOWN, PA.

WEIGHT



All Welds are Based on $\frac{1}{2}$ Weld = 2400# etc.

Length	P	Values in kips for a pair of Shop Welds					
		P	Fillet Size				
			1.479	$\frac{3}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Aa	2'5 1/2	569.5	385.0	106.8	142.4	178.0	213.6
A9	2'2 1/2	508.5	343.8	95.3	127.1	158.9	190.7
A8	1'11 1/2	447.5	302.5	83.9	111.9	139.8	167.8
A7	1'8 1/2	386.5	261.3	72.4	96.6	120.8	144.9
A6	1'5 1/2	325.5	220.0	61.0	81.4	101.7	122.1
A5	1'2 1/2	264.5	178.8	49.6	66.1	82.6	99.2
A4	0'11 1/2	204.5	137.9	38.3	51.0	63.8	76.5
A3	0'7 1/2	145.5	98.4	27.3	36.4	45.5	54.6
A2	0'5	92.5	62.3	17.3	23.0	28.8	34.6
A6	0'3 1/2	59.5	40.2	11.2	14.9	18.6	22.3
A1	0'2 1/2	45.0	30.4	8.4	11.3	14.1	16.9

"A" Prefix for Beam framing Ls
Length Symbol Corresponding to A.I.S.C. Standard Connections

Marks A 2 4 5
4 for 1/2" Weld
5 for 5/8" Weld
6 for 3/4" Weld

99. in O.S.L
1 for 1/2
2 for 5/8
3 for 11/16
4 for 3/4
5 for 13/16
6 for 7/8

Suffix all marks "X" for 13/16" Holes
Suffix all marks "Y" for 15/16" Holes

Hartford Public Library Hartford, Conn.		TOTAL	ORD.	PLATE	STD.	BOLT	RIV.	BAR	SM. STD.	PAINT
REMARKS	UNLESS NOTED	DET. CLF	DATE 11/19/54	REVISION				CONTRACT NO. 4090		SHEET NO. FD12
OPEN HOLES	UNLESS NOTED	CHK'R	DATE							
		IN CHARGE CLF								