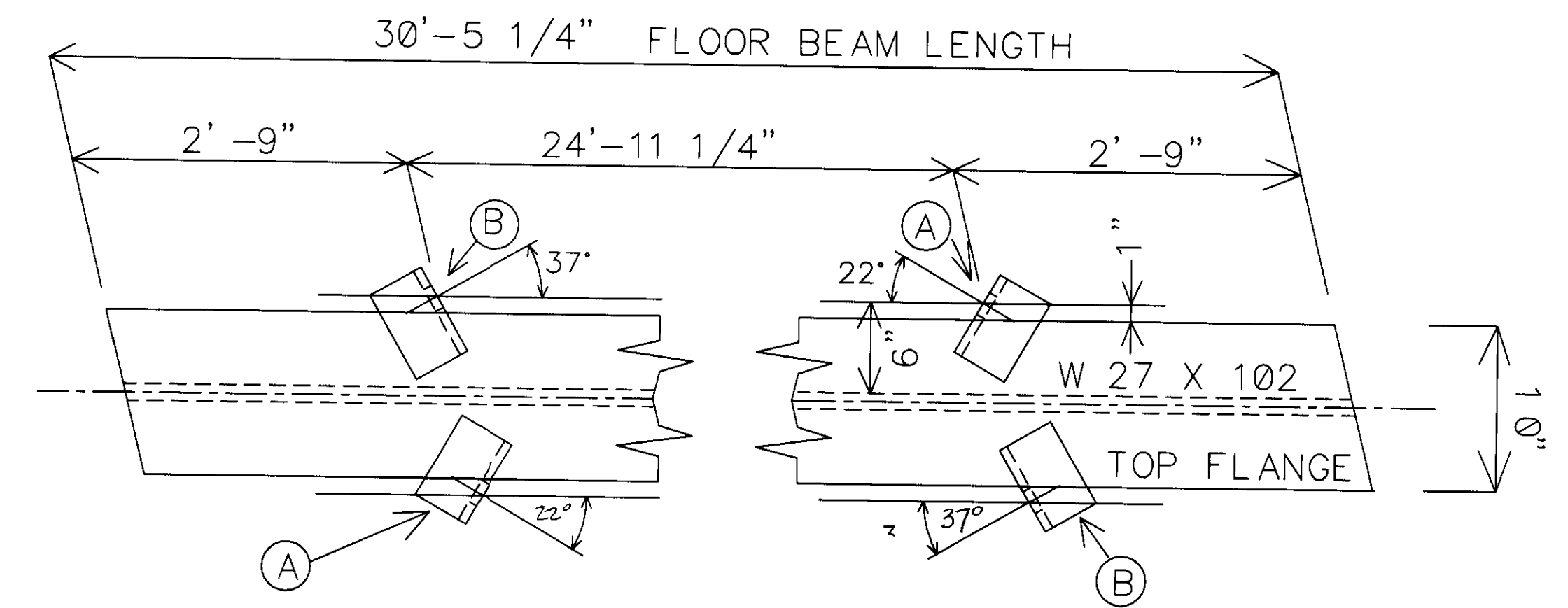
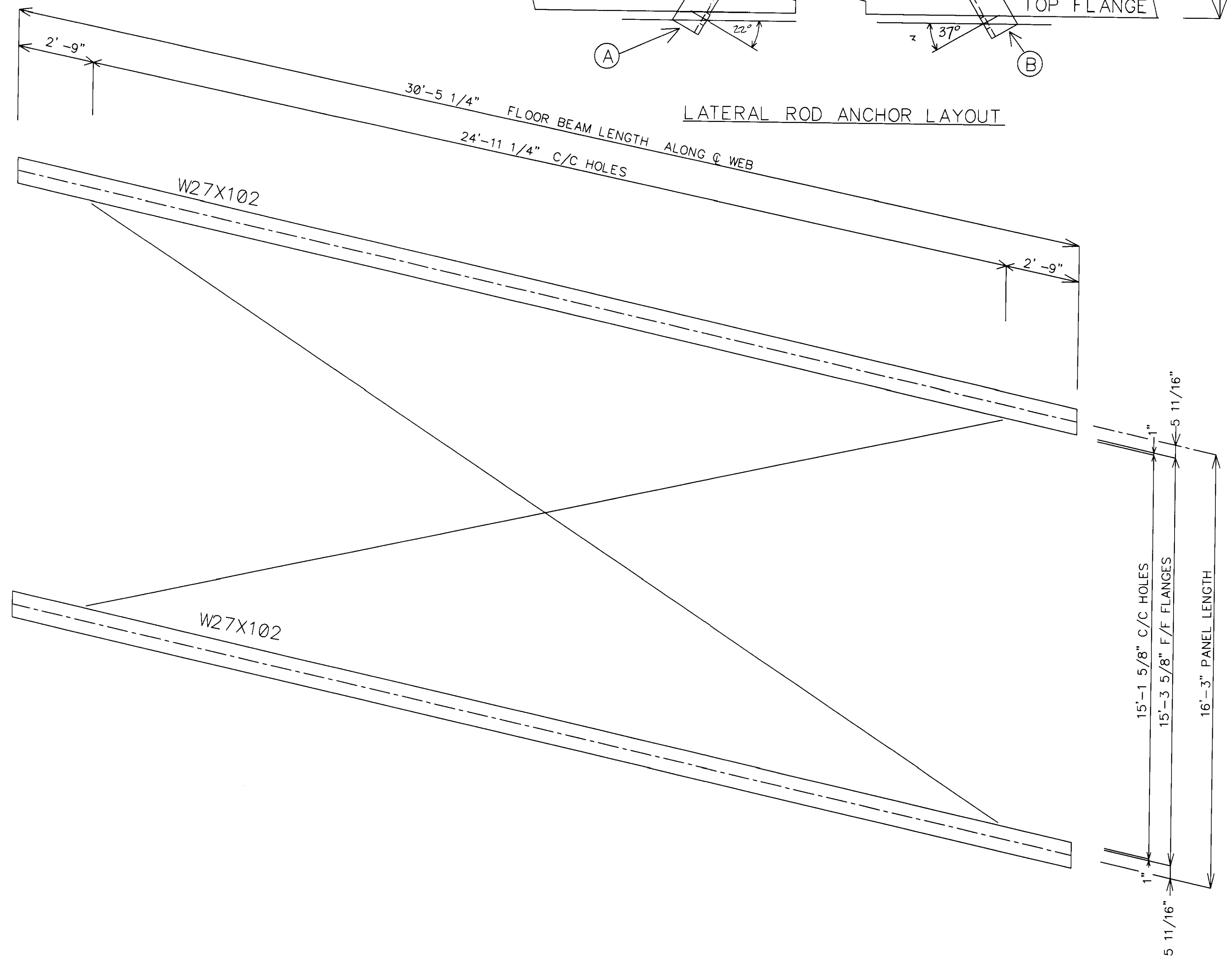
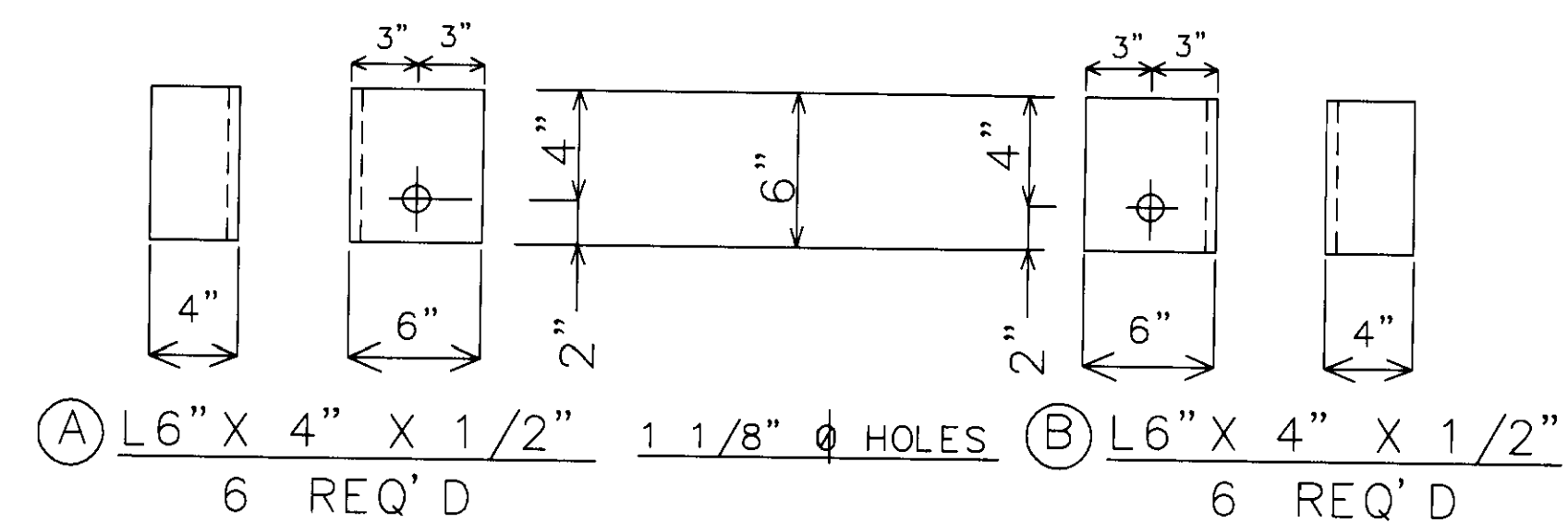


FLOOR BEAM DETAIL - 3 REQ'D



LATERAL ROD ANCHOR LAYOUT



LATERAL ROD LENGTHS

2 PCS	- 1" Ø ROD	- 22'-7" LONG WITH 6" THREAD EACH END
2 PCS	- 1" Ø ROD	- 23'-3" LONG WITH 6" THREAD EACH END
2 PCS	- 1" Ø ROD	- 35'-5" LONG WITH 6" THREAD EACH END
2 PCS	- 1" Ø ROD	- 36'-9" LONG WITH 6" THREAD EACH END

NO.	DATE	REVISIONS	BY	DESIGN	DRAWN	DATE	DRAWING NO.	SHEET
				DLM	MSB	MAY 23, 2001	64X24	4 OF 6
				CHECK/DATE	FABRICATOR			
				DLM	OHIO BRIDGE			

$$c = 90^\circ - 29^\circ = 61^\circ$$

$$A + B = 180^\circ - 61^\circ = 119^\circ$$

$$a = 24.94' \quad b = 15.14' \quad c = 61^\circ \quad A + B = 119^\circ$$

$$\tan \frac{1}{2}(A - B) = \frac{(24.94 - 15.14) \tan \frac{1}{2}(119^\circ)}{24.94 + 15.14}$$

$$A - B = 45.09^\circ$$

$$B = (119 - 45.09) / 2 \quad A = 45.09 + 36.30$$

$$B = 36.96^\circ \quad A = 82.05^\circ$$

$$C = \frac{(24.94) (\sin 61^\circ)}{(\sin 82.05^\circ)}$$

$$C = 22.02' + 0.5'$$

$$A + B = 90^\circ - 29^\circ = 61^\circ$$

$$c = 180^\circ - 61^\circ = 119^\circ$$

$$a = 24.94' \quad b = 15.14' \quad c = 119^\circ \quad A + B = 61^\circ$$

$$\tan \frac{1}{2}(A - B) = \frac{(24.94 - 15.14) \tan \frac{1}{2}(61^\circ)}{24.94 + 15.14}$$

$$A - B = 16.39^\circ$$

$$B = (61 - 16.39) / 2 \quad A = 16.39 + 22.31$$

$$B = 22.31^\circ \quad A = 38.7^\circ$$

$$C = \frac{(24.94) (\sin 119^\circ)}{(\sin 38.7^\circ)}$$

$$C = 34.89' + 0.5'$$

NOTE: DRAWINGS RELATIVE DO NOT SCALE