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La	Lateral Forces on Retaining Walls					
	Table 1. $K_a w_e$ values for Sloping Backfill					
	θ (deg)	$K_a w_e$ (lb/ft ³)				
X	0	32				
	10	33				
	20	38				
	30	54				
Com.			-			











































HANDOUTa. RETAINING WALLS					
. A	Design of Reinforced Concrete				
	Cantilever Retaining Walls • Example 4 (cont'd)				
	Other design data are given as follows:				
	W _e	$= 100 \text{ lb/ft}^{3}$			
1	allowable soil pressure	= 4000 psf			
	Equivalent fluid weight, $K_a w_e$	$= 30 \text{ lb/ft}^3$			
	Surcharge	= 400 psf			
	Factor of safety (overturning)	= 2.0			
	Factor of safety (sliding)	= 1.4			
	Coefficient of friction f	=0.50			
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