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	ACI Recommendations	
• De	esign Considerations in Shear	
	 Beam shear capacity (ΦV_c) 	
	$\Phi V_c = \Phi 2 \sqrt{f'_c} b d$	
	Where b is unit width equal to 1 foot	
	If $\Phi V_c < V_u$, the depth of footing is increased instead of providing any shear reinforcement.	
Prof. Dr. Qaisar Ali	CE 320 Reinforced Concrete Design-I	29





























































































