

**FOOTINGS WITH PILES**

Computed for 12" piles at 3'-0" centers.  
 Bond between wood and concrete  
 = 10 psi. Weight of concrete = 145  
 lb./cu. ft. Weight of piles neglected.  
 Maximum allowable uplift on piles = .4  
 allowable load on piles [Taken as 40,000  
 lbs.] Minimum seal 1'-6" Piles to extend  
 thru seals up to 6'-0" thick. Above 6'-0",  
 optional.

**RESISTANCE OF SEAL TO UPLIFT  
 PER TIMBER PILE PER FT. OF  
 THICKNESS**

**Note:**  
 Chart above can be used with either steel,  
 concrete, or timber piles.

**THICKNESS OF  
 FOUNDATION SEALS**