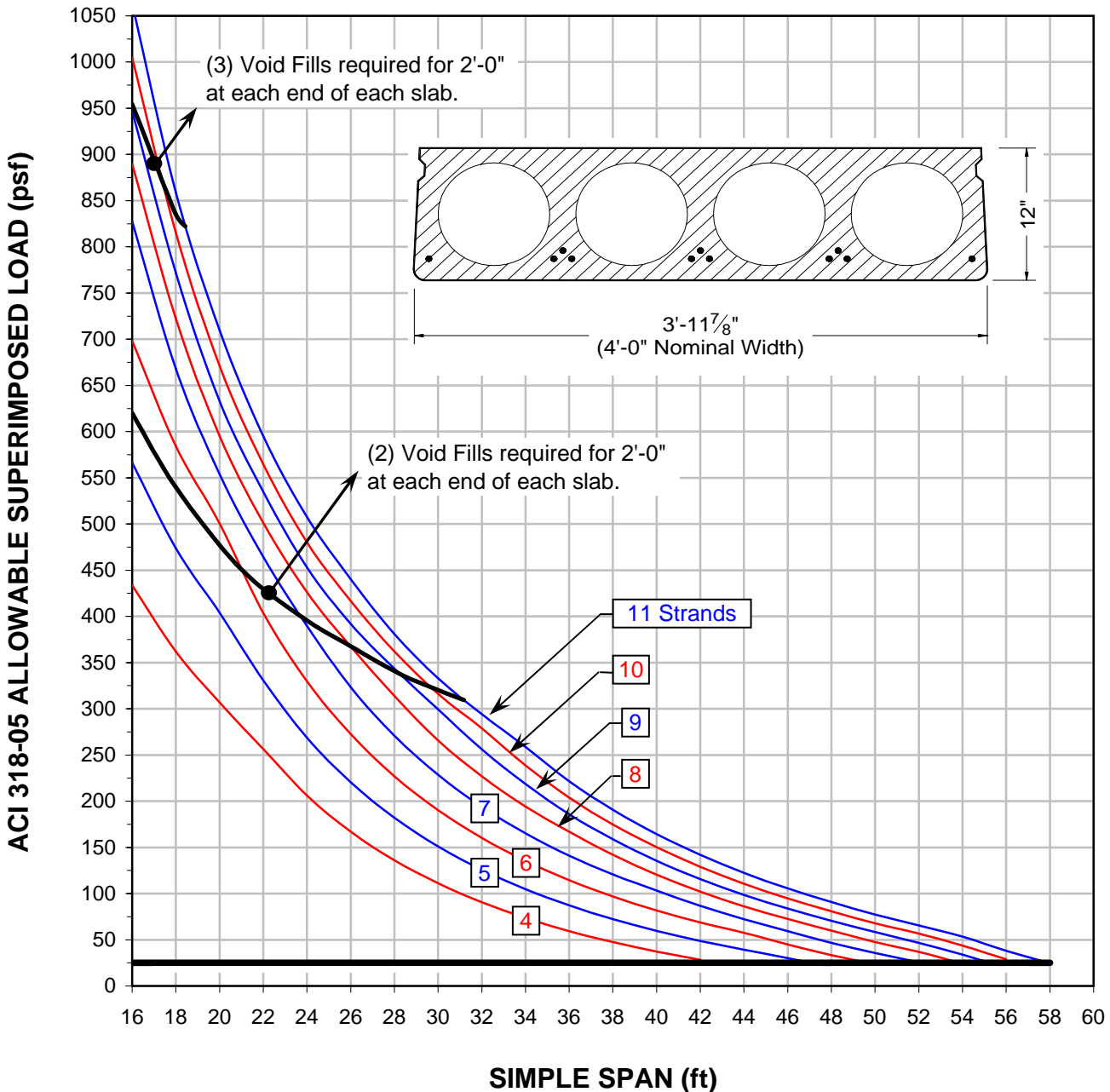




# 12" HOLLOW CORE SLAB



**SECTION PROPERTIES (with shear key grouted)**

$I = 5,270 \text{ in}^4$	$S_t = 878 \text{ in}^3$	$S_b = 878 \text{ in}^3$	$A = 289 \text{ in}^2$
$w = 77 \text{ psf}$	$y_t = 6.00 \text{ in}$	$y_b = 6.00 \text{ in}$	

**NOTES:**

1. The values given in this chart are in compliance with ACI 318-05.
2. The values given in this chart are based on hollow core slabs without shear reinforcement. See [SHEAR](#) for discussion.
3. Refer to [DEFLECTIONS](#) for discussion of deflection criteria.
4. This Span-Load Chart is intended as an aid to preliminary sizing only, and must be interpreted using sound engineering judgment.