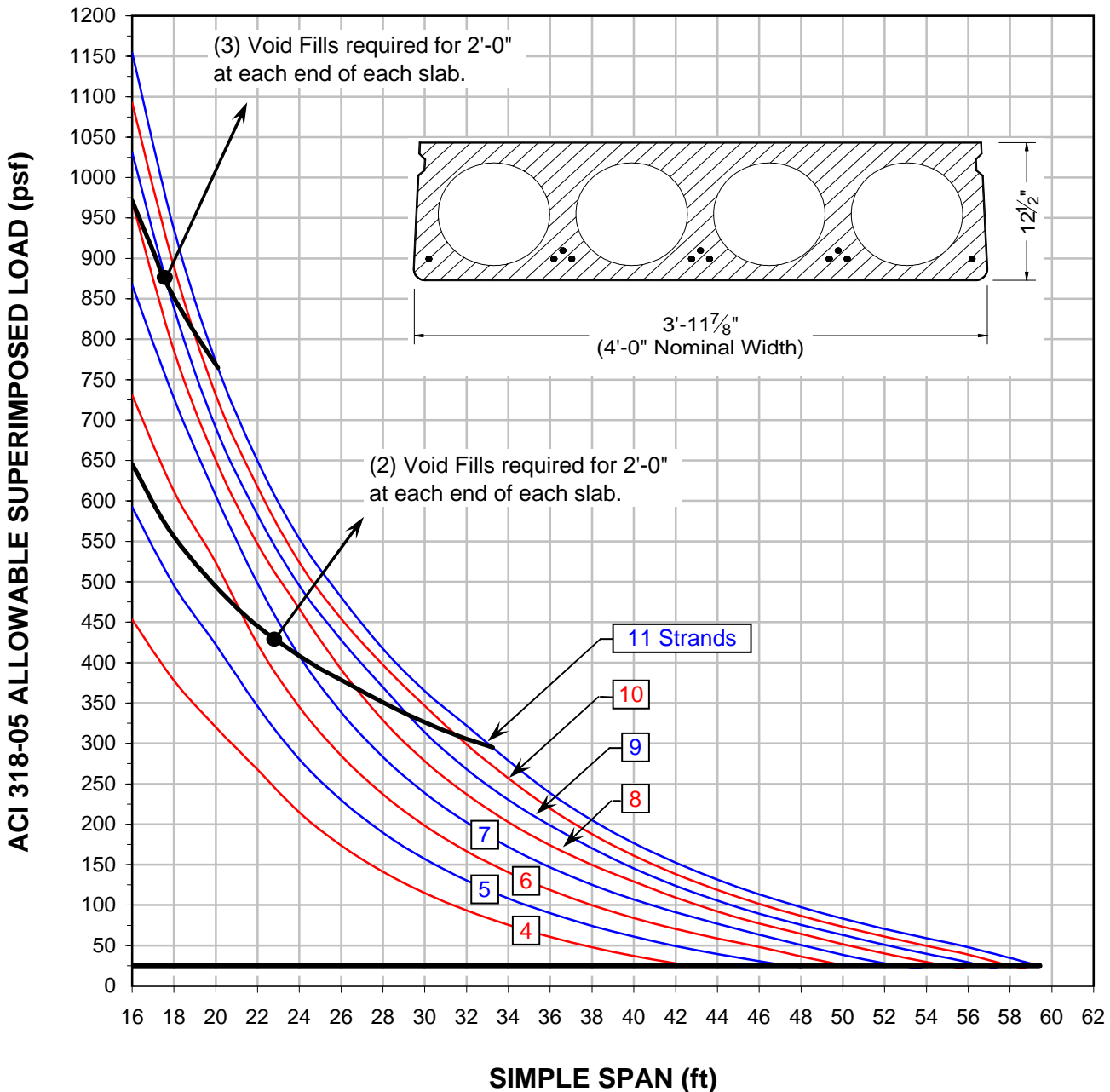




12½" HOLLOW CORE SLAB



SECTION PROPERTIES (with shear key grouted)

$I = 6,136 \text{ in}^4$	$S_t = 1,019 \text{ in}^3$	$S_b = 947 \text{ in}^3$	$A = 313 \text{ in}^2$
$w = 84 \text{ psf}$	$y_t = 6.02 \text{ in}$	$y_b = 6.48 \text{ in}$	

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.