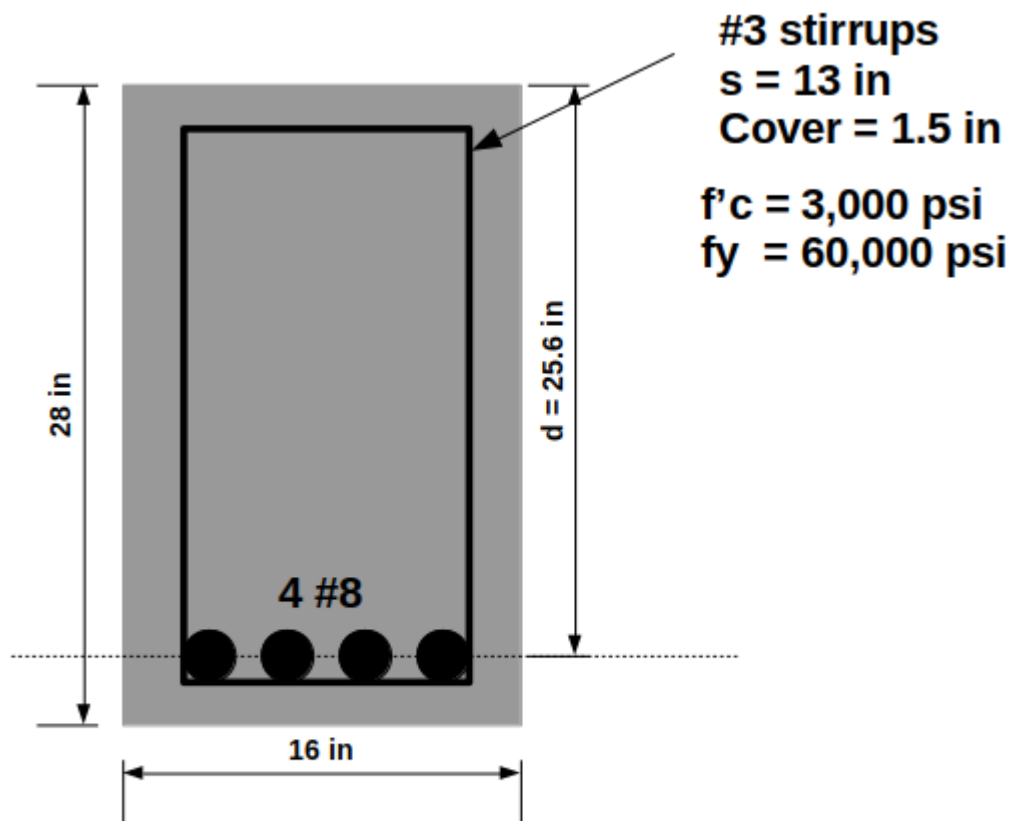


Date: 21st December 2018

Find the ultimate shear capacity (ΦV_N) for the singly reinforced rectangular beam shown below.



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Answers (refer to solutions for detail)

$$\Phi V_N = 53.2 \text{ kips}$$