Select the reinforcement for a rectangular beam with a simply-supported span of 20 ft. The architect has provided a beam width \( (b) \) of 16 in and a total depth \( (h) \) of 22 in. Specified material strengths are \( f'_c = 4000 \text{ psi} \) and \( f_y = 60 \text{ ksi} \). The beam must support its own weight in addition to a superimposed distributed dead load of 0.8 kip/ft and a distributed live load of 2.0 kip/ft. Assume that No. 4 stirrups are used for shear reinforcement. The beam will not be exposed to weather.