existing visual arts building

depth of reinforced one way ribbed slab = 20
\[ d > 280 \]

depth of prestressed two way waffle slab = 38
\[ d = \frac{13500}{38} \]
\[ d > 355.26 \]

depth of Vierendeel girder:
\[ d > 1350 \]

depth of channel section = 30
\[ d > 94 \]

diameter of rolled steel hollow section column = 342
\[ d > 342 \]