

CENGG Software *Solution*

0911890392

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BEAM & COLUMN DETAILING

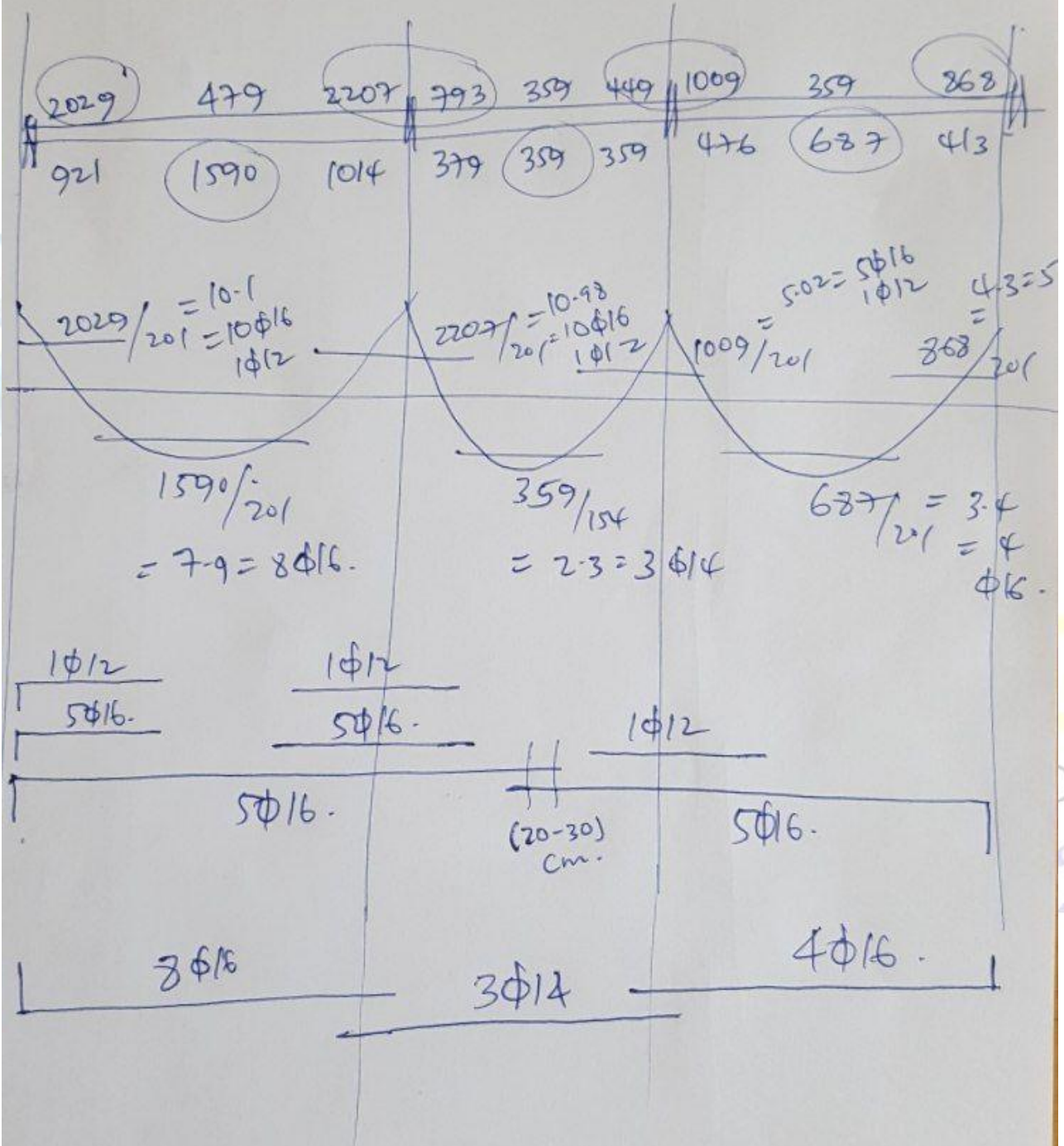
SOFTWARE SOLUTION

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Beam Detailing

$$\phi 16 \rightarrow a_s = \frac{\pi d^2}{4} = 201 \text{ mm}^2$$

$$\phi 14 = 154 \text{ mm}^2$$



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As

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Column Detailing

$$\phi 16 \rightarrow a_s = 20 \text{ mm}^2$$

$$a_s = \pi d^2 / 4$$

$$\phi 12 = 113 \text{ mm}^2$$

