

# HIGH RISE STRUCTURES

## Assignment

Submitted by

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**Roll no. – 21CE31006**

**Plan – 56m x 36m**

**Specifications of columns, beam and slab:**

**Column:**

<b>Floor</b>	<b>size</b>	<b>Reinforcements</b>
Ground floor - 10	1.8m x 1.8m	70-36phi 10phi @ 300mm
10 - 30	1.5m x 1.5m	69-36phi 10phi @ 300mm
30 - 50	1.2m x 1.2m	24-36phi 10phi @ 300mm

**Beam: -**

**Size** – 0.3m x 0.6m

**Reinforcements** – 3-32phi 8phi@150mm

**Slab: -**

**Thickness** – 0.15m

**Reinforcements: -**

**Main** – 15-25phi

**Distributed** – 10-12phi