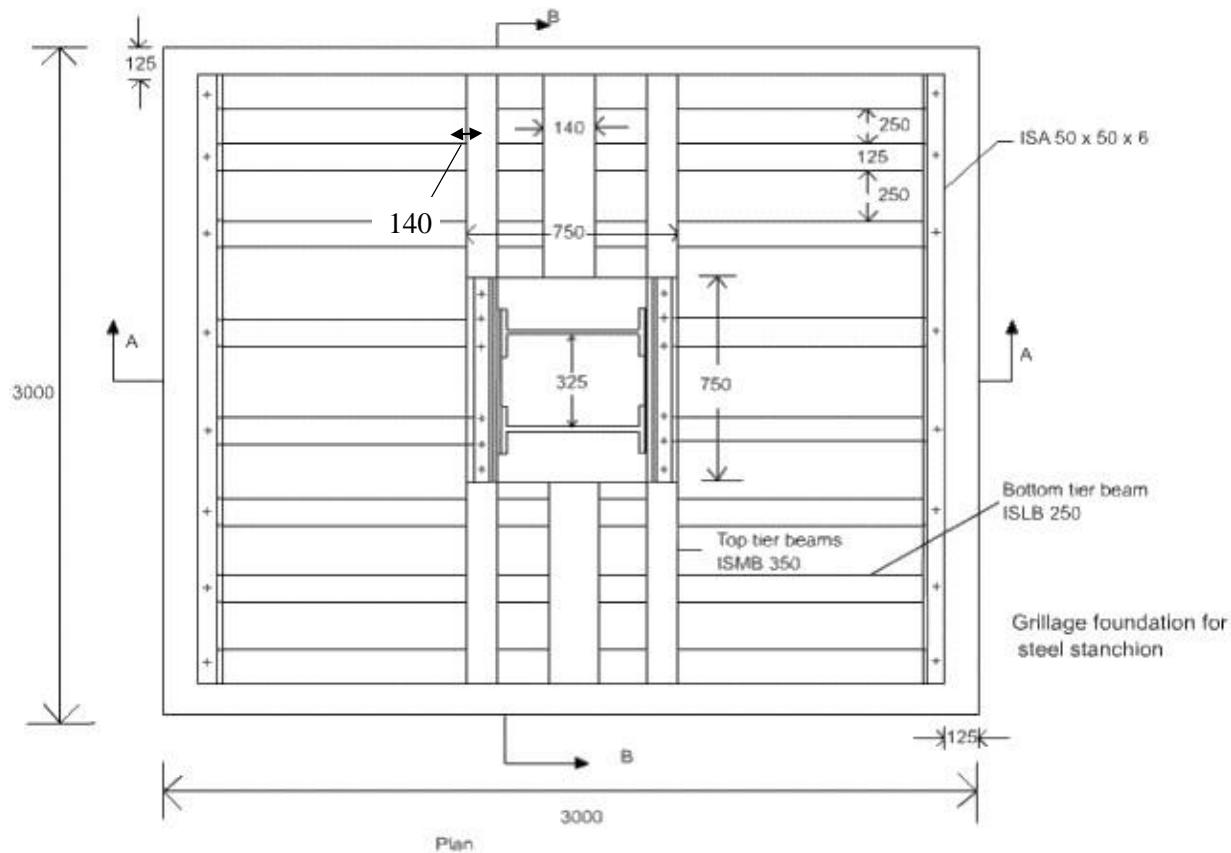


**Thapar Institute of Engineering & Technology, Patiala (Deemed  
to be university)**  
**Department of Civil Engineering**

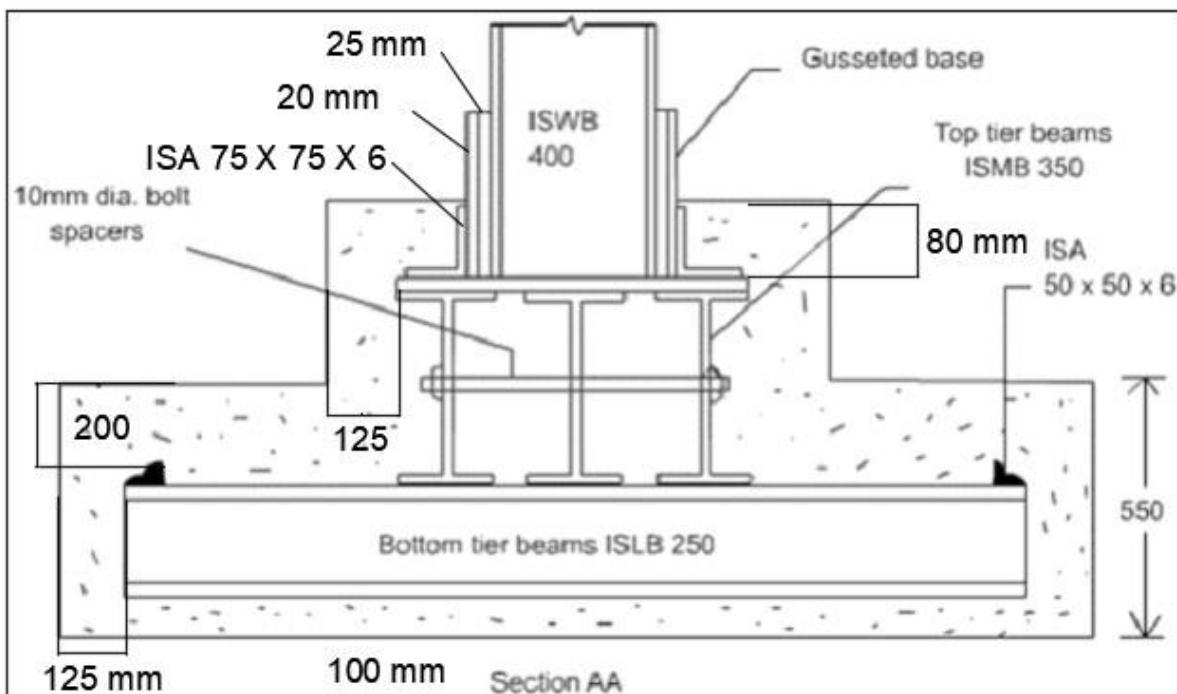
**UCE306: ARCHITECTURE DRAWING AND BUILDING CONSTRUCTION**  
**Tutorial-3**

**Q Draw all foundations**



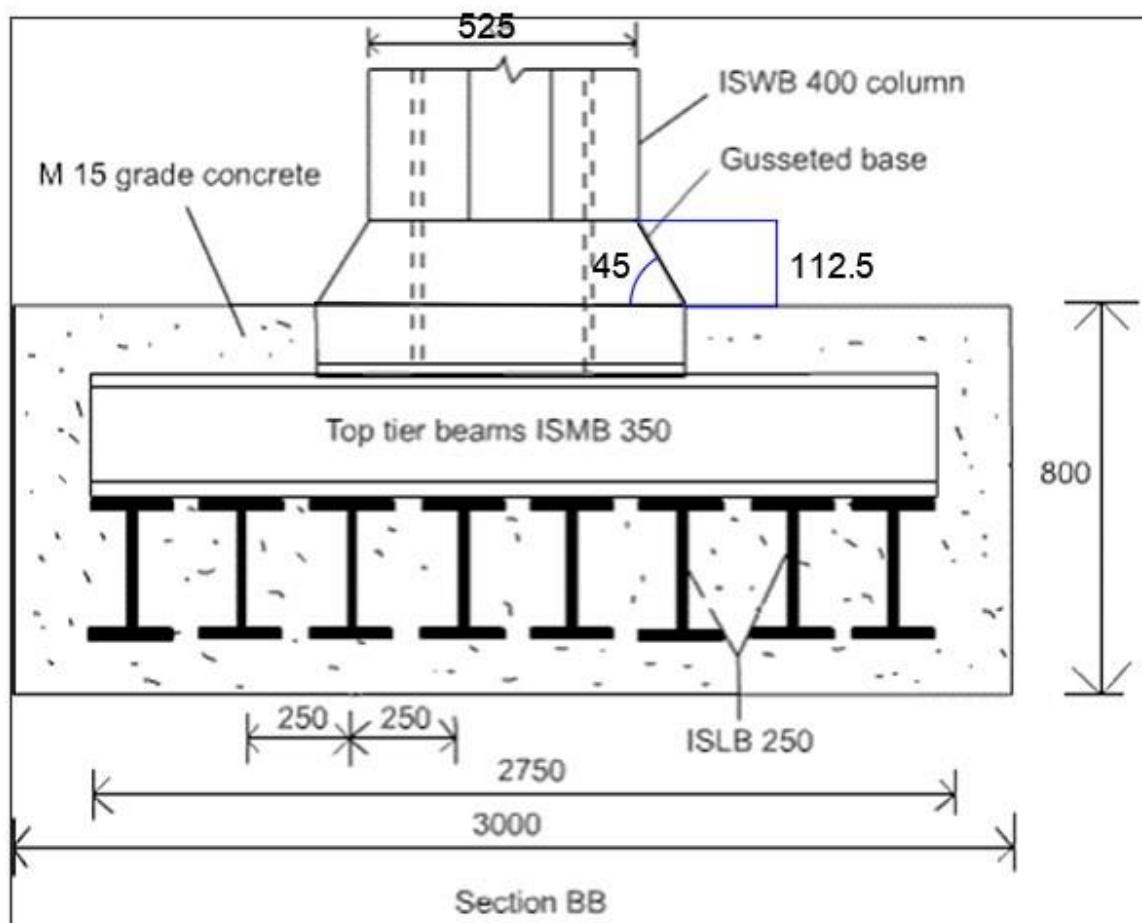
**[10]**

**Plan of grillage foundation (Scale 1:10)**



[10]

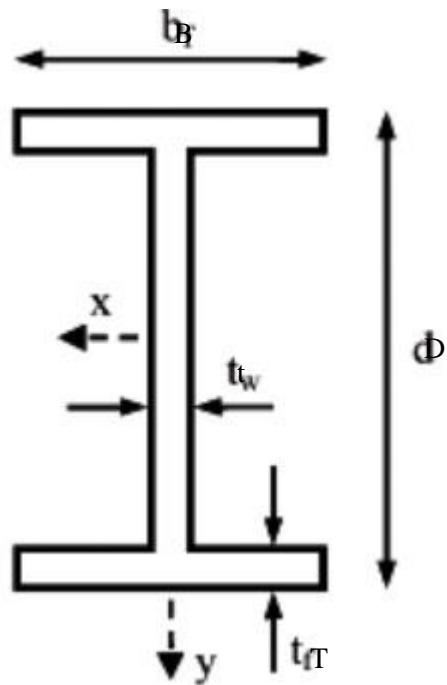
**Section A-A (Scale 1:10)**



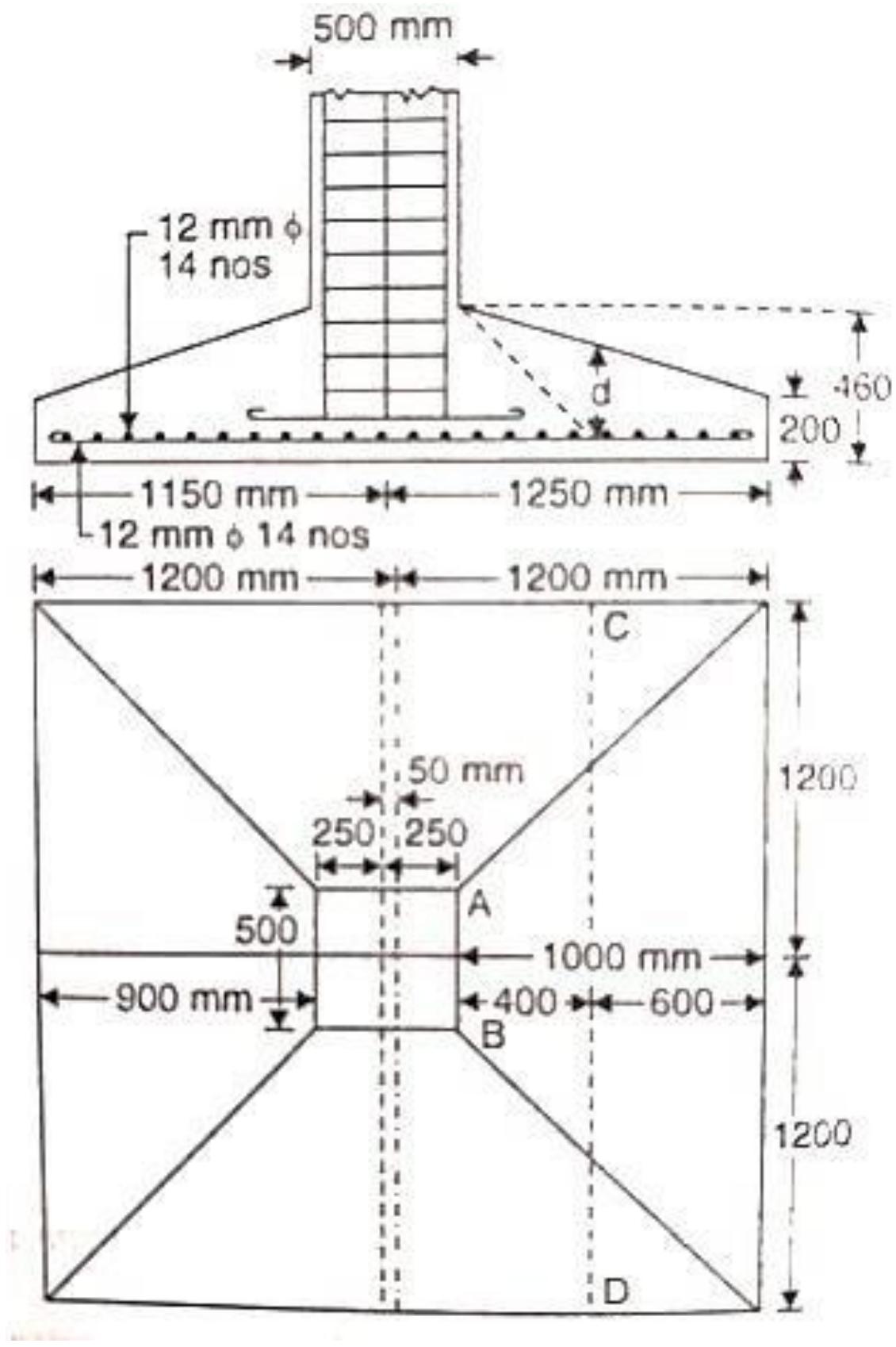
[10]

**Section B-B (Scale 1:10)**

<b>Designation</b>	<b>D (mm)</b>	<b>B (mm)</b>	<b>t (mm)</b>	<b>T (mm)</b>
ISWB400	400	200	8.6	13.0
ISMB 350	350	140	8.1	14.2
ISLB 350	350	165	7.4	11.4

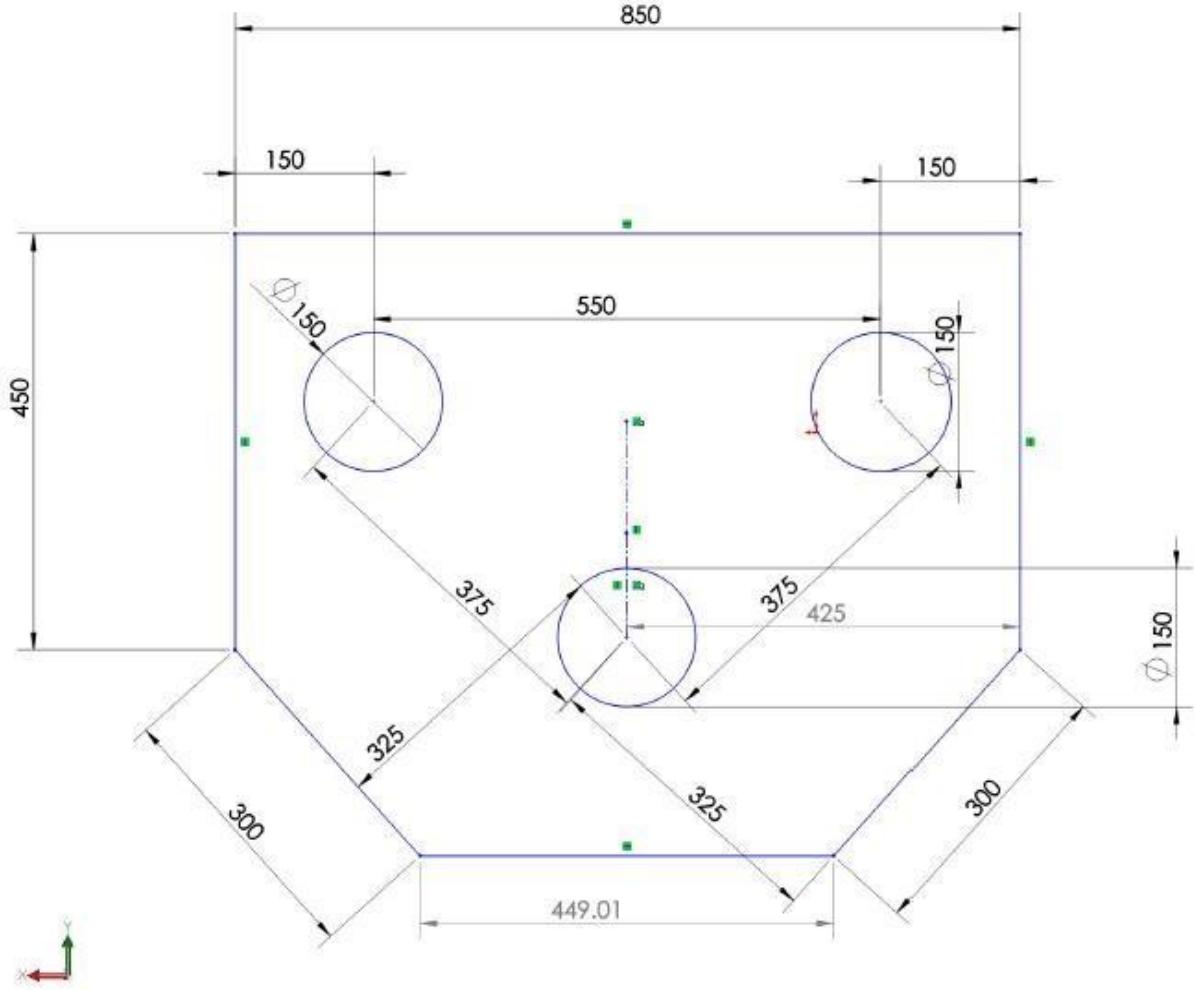


**Cross-section of the I-beam**

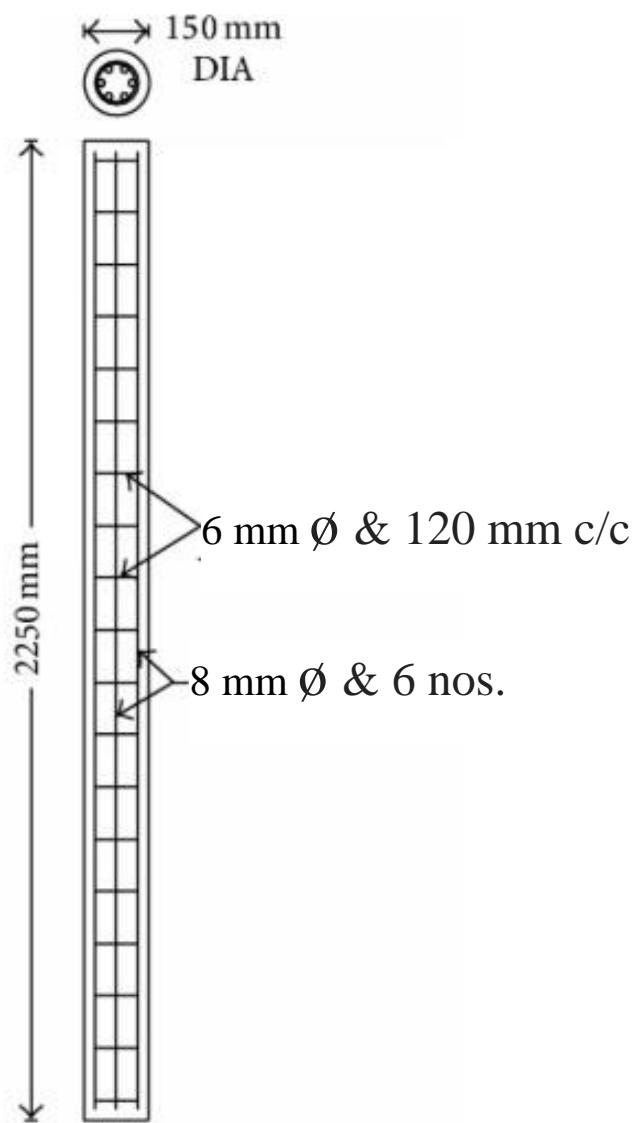


**Reinforced concrete foundation**

[10]



**Pile cap**



Reinforcement details of pile

[10]